



County Borough of Merthyr Tydfil.

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*Annual Report*  
of the  
Medical Officer of Health  
1940



MERTHYR TYDFIL :  
JOSEPH WILLIAMS AND SONS (MERTHYR), LIMITED.

—  
1942



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# County Borough of Merthyr Tydfil.

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## List of Health Committees and Officials.

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### HEALTH COMMITTEE.

*Chairman :*

Alderman L. M. JONES, J.P.

*Vice-Chairman :*

Councillor H. I. WILLIAMS.

#### *Members :*

Aldermen Jennings, Powell, J. Williams and T. Edmund Rees ;  
Councillors Morgan, O'Driscoll, Mrs. Thomas, Brobyn, Wilson,  
B. M. Davies, L. Jones, B. J. Williams, Mrs. Aubrey, J. H.  
Jones, with the Mayor and Ex-Mayor.

### MARDY HOSPITAL SUB-COMMITTEE.

*Chairman :* Alderman L. M. JONES, J.P.

#### *Members :*

Aldermen John Williams, S. Jennings, W. Powell, and L. Jones ;  
Councillors Mrs. Thomas, H. I. Williams, Brobyn, B. J. Williams  
and O'Driscoll, with the Mayor.

### MATERNITY AND CHILD WELFARE COMMITTEE.

*Chairman :*

Alderman L. M. JONES, J.P.

*Vice-Chairman :*

Councillor H. I. WILLIAMS.

with the Members of the Health Committee.

*Co-opted Members :* Mrs. Bell and Mrs. McPhail.

### SUPPLY OF MILK TO NURSING AND EXPECTANT MOTHERS AND INFANTS.

*Chairman :* Alderman L. M. Jones.

#### *Members :*

Councillor Mrs. Thomas and Mrs. Bell (co-opted).

## PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

## MEDICAL :

T. H. STEPHENS, M.B., C.H.B., D.P.H., Medical Officer of Health, School Medical Officer, Superintendent Isolation Hospital, Medical Officer Public Assistance Committee, Medical Officer under Mental Deficiency Act.

W. G. LEONARD HALL, M.R.C.S., L.R.C.P., Assistant Medical Officer of Health (half-time), Assistant School Medical Officer (part year).

ALYS M. WILLIAMS, B.SC., M.B., B.CH., Assistant Medical Officer of Health (half-time), Assistant School Medical Officer and Inspector of Midwives (half-time).

A. DEANIE ALBAN, B.SC., M.B., B.CH., Assistant Medical Officer of Health (half-time), Assistant School Medical Officer and Inspector of Midwives (half-time).

**E. WARD** M.R.C.S., L.R.C.P. (part-time), Medical Officer to Tydfil Lodge, Medical Officer to the Venereal Clinic, Public Vaccinator, Tydfil Lodge (part year).

S. BLOOM, F.R.C.S., L.R.C.P. (part time) Medical Officer to Venereal Clinic, Public Vaccinator, Tydfil Lodge.

C. M. PROBERT, M.R.C.S., L.R.C.P., Medical Officer, Tydfil Lodge.

Drs. S. CRESSWELL, S. BLOOM, M. BLOOM, R. RYCE, C. R. WHITE and E. FOSTER, District Medical Officers and Public Vaccinators.

Dr. PARKER, Visiting Orthopædic Surgeon to Maternity and Child Welfare and School Clinics.

**H. SCHOLBERG** M.B., Pathologist under Venereal Diseases Scheme. (part year).

Professor STRACHAN, M.D., F.R.C.S., F.R.C.P., F.C.O.G., Consulting Gynæcologist and Obstetrician.

D. J. JONES, M.R.C.S., L.R.C.P., District Medical Officer, Dowlais.

ROBERT OWEN, F.R.C.S., Ear, Nose and Throat Surgeon.



## Public Health Officers to the Local Authority—*continued.*

### DENTAL.

J. A. WYLIE, L.D.S., Dental Officer to the Maternity and Child Welfare Department, School Dental Officer.

### ANALYTICAL.

RHYS CHARLES, F.S.C., F.C.S. (part time), Public Analyst; also acts as part-time Bacteriologist.

### SANITARY.

L. MILLS, A.R.S.I., Certificate of Royal Sanitary Institute for inspection of meat and other foods, Chief Sanitary Inspector, Inspector under Housing Acts, Inspector under the Food and Drugs Acts.

B. WILLIAMS, A.R.S.I., A.R.P.S., Certificate of Royal Sanitary Institute for inspection of meat and other foods, Sanitary Inspector, Inspector under Housing Acts, Inspector under the Food and Drugs Acts.

IORWERTH THOMAS, A.R.S.I., A.R.P.S., Certificate of Royal Sanitary Institute for Inspection of Meat and other Foods, Sanitary Inspector, Inspector under Housing Acts, Inspector under the Food and Drug Acts.

D. A. JONES, A.R.S.I., L.A.R.P., Certificate of Royal Sanitary Institute for Inspection of Meat and other Foods, Sanitary Inspector, Inspector under Housing Acts, Inspector under the Food and Drug Acts.

CYRIL STUCKEY, A.R.S.I., Certificate of Royal Sanitary Institute for Inspection of Meat and other Foods, Sanitary Inspector, Inspector under the Housing Acts, Inspector under the Food and Drug Acts.

SPENCER P. HARRIS, A.R.S.I., L.A.R.P., Sanitary Inspector, Shops Inspector, Inspector under the Food and Drugs Acts, Inspector under Housing Acts.

### CLERICAL.

*Chief Clerk:* T. C. THOMAS, C.R.S.I., L.A.R.P.

I. CHARLES, L.A.R.P. (part year). J. A. WILLIAMS, (part year).  
NEAL DAVIES, L.A.R.P. S. LEWIS. W. HUGHES. MEGAN  
WILLIAMS, L.A.R.P. (part year). MYRA PRICE (part year).  
NORA JOHNSON (part year).

## Public Health Officers to the Local Authority—*continued*.

### VETERINARY SURGEON (part-time).

Major W. D. WILLIAMS, M.R.C.V.S., "Gormont," Caerphilly.

### HEALTH VISITORS AND SCHOOL NURSES.

- E. M. LEWIS, C.M.B. (trained nurse).
- M. J. PARRY, C.M.B., C.R.S.I. (trained nurse).
- E. LEWIS, C.M.B., C.R.S.I. (trained nurse).
- E. WILLIAMS, C.R.S.I., Fever and Tuberculosis Training.
- A. L. EVANS, C.M.B., New Health Visitor's Certificate (trained nurse).
- D. PETERS, C.M.B., New Health Visitor's Certificate (trained nurse).
- M. JELLYMAN, C.M.B., New Health Visitor's Certificate (trained nurse).
- E. J. WATKINS, C.M.B., New Health Visitor's Certificate (trained nurse).

### *Supervisor of Midwives*: Miss A. DAVIES.

*Midwives*: Nurses L. M. DOWSE, A. HENNESSEY, H. THORNE, M. JONES, B. LEWIS, H. DAVIES A. SUSSEX, B. JONES, B. CARLICK, B. M. JONES, M. J. WILLIAMS, A. DAVIES, E. A. GILLAM.

### ORTHOPAEDIC NURSE.

B. JONES. For Maternity and Child Welfare and School Clinics.

### DENTAL NURSE.

M. EVANS. For Maternity and Child Welfare and School Clinics.

### ISOLATION HOSPITAL STAFF.

*Matron*: C. JONES. Four Sisters, one Assistant Nurse and twelve Probationers.

County Borough of Merthyr Tydfil.

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**ANNUAL REPORT**  
**OF THE**  
**MEDICAL OFFICER OF HEALTH.**

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PUBLIC HEALTH DEPARTMENT,  
TOWN HALL,  
MERTHYR TYDFIL.

*To the Mayor, Aldermen and Councillors of the  
County Borough of Merthyr Tydfil.*

Ladies and Gentlemen,

I beg to submit for your consideration the Annual Report of the vital statistics and sanitary conditions of the Borough for the year 1940. The Report is in accordance with the Memorandum issued by the Ministry of Health, and is an outline of the main conditions relating to the health of the Borough and the utilities of the department.



## MERTHYR TYDFIL COUNTY BOROUGH.

|                                                             |              |
|-------------------------------------------------------------|--------------|
| Area of Borough.....                                        | 17,761 acres |
| Population (Census 1931) .....                              | 71,108       |
| (Males, 36,317 ; Females, 34,791)                           |              |
| National Registration 1939.....                             | 62,772       |
| (Males, 30,739 ; Females, 32,033)                           |              |
| Estimated Resident Population, Midsummer 1940 .....         | 61,900       |
| Birth Rate for 1940 .....                                   | 15.78        |
| Average Birth Rate for ten previous years .....             | 14.82        |
| Crude Death Rate from all causes for 1940 .....             | 14.78        |
| Corrected Death Rate from all causes for 1940 .....         | 14.92        |
| Death Rate from Pulmonary Tuberculosis for 1940 .....       | .69          |
| Death Rate from other forms of Tuberculosis for 1940.....   | .1           |
| Infantile Mortality Rate for 1940 per thousand births ..... | 58           |
| Assessable Value (General Rate).....                        | £224,828     |
| The Produce of a Penny Rate is .....                        | £823         |
| Number of Houses on Rate Book, 1940 .....                   | 15,870       |

### POPULATION.

|                                                               |        |
|---------------------------------------------------------------|--------|
| 1931 (Census).....                                            | 71,108 |
| (Registrar General's estimated Population, Mid-summer 61,900) |        |

The following table shows the changes that have taken place in the 10 yearly periods in the population of Merthyr Tydfil since 1851 :—

|      |     |     |     |        |
|------|-----|-----|-----|--------|
| 1851 | ... | ... | ... | 46,692 |
| 1861 | ... | ... | ... | 50,461 |
| 1871 | ... | ... | ... | 51,891 |
| 1881 | ... | ... | ... | 48,857 |
| 1891 | ... | ... | ... | 58,080 |
| 1901 | ... | ... | ... | 69,228 |
| 1911 | ... | ... | ... | 80,990 |
| 1921 | ... | ... | ... | 80,116 |
| 1931 | ... | ... | ... | 71,108 |
| 1940 | ... | ... | ... | 61,900 |

It will be observed that there was an increase in the population from 1901 to 1911 of 11,762, and from 1911 to 1921 a decrease of 874—a percentage decrease of 1.1. From 1911 to 1921 the excess of births over deaths was 9,598, but there was a loss by migration of 10,472.

The inter-censal variation from 1921 to 1931 was as follows :

A decrease in population amounting to 9,008, equivalent to a percentage decrease of 11.2.

Migration accounted for 16.9% ; but when births and deaths were taken into consideration there was an increase of 5.7%, making a total percentage decrease in population of 11.2%.

### BIRTHS—1940.

|                                                 |     |     |     |       |
|-------------------------------------------------|-----|-----|-----|-------|
| Net number of Births registered                 | ... | ... | ... | 977   |
| Birth Rate per 1,000 of the population          | ... | ... | ... | 15.78 |
| Birth Rate for England and Wales                | ... | ... | ... | 14.6  |
| Birth Rate for the 126 Boroughs and Great Towns | ... | ... | ... | 16.0  |

The birth rate per 1,000 living in the year 1911 was 30.7 ; 1921, 27.5 ; 1931, 15.9 ; 1940, 15.78.

The illegitimate births are as follows :—

|         | Total Births. |     |    |
|---------|---------------|-----|----|
| Males   | ...           | ... | 27 |
| Females | ...           | ... | 17 |

The number of illegitimate live births allocated to the Borough, therefore, is 44, equivalent to a rate of 45.3 per 1,000 births. Last year the figure was 49.8

**STILL-BIRTHS.**

The Registrar General has supplied the following tables:—

|         |     |     |     | Still-births<br>Registered |
|---------|-----|-----|-----|----------------------------|
| Males   | ... | ... | ... | 31                         |
| Females | ... | ... | ... | 16                         |

The total still-births (legitimate and illegitimate) was 49, equivalent to a rate of .79 per 1,000 of the population. The figure for England and Wales is .55, and for the Boroughs and Great Towns, .64.

**ILLEGITIMATES.**

|         |     |     |     | Still-births<br>Registered |
|---------|-----|-----|-----|----------------------------|
| Males   | ... | ... | ... | 2                          |
| Females | ... | ... | ... | Nil                        |

Still-births registered allocated to the Borough: 2.

**DEATHS—1940.**

|                                                 |     |     |     |     |       |
|-------------------------------------------------|-----|-----|-----|-----|-------|
| Number of Deaths, 1940                          | ... | ... | ... | ... | 915   |
| Death Rate per 1,000 for Merthyr                | ... | ... | ... | ... | 14.78 |
| Death Rate per 1,000 for England and Wales      | ... | ... | ... | ... | 14.3  |
| Death Rate for the 126 Boroughs and Great Towns | ... | ... | ... | ... | 15.8  |

The number of deaths registered in Merthyr during the year 1940 was 1,027; but with the addition of 39 deaths of Merthyr residents occurring outside the area and the exclusion of 151 deaths of non-residents within the area, the total number of deaths for Merthyr Tydfil was 915, equivalent to a rate of 14.78 of the estimated mid-year population.

The death rate for 1939 was 14.49, showing a decrease of 1.29. In 1911 it was 15.6; in 1921 it was 12.7; and in 1931 it was 14.2. This recorded death rate has been multiplied by a

comparability factor given by the Registrar General of 1.01, and brings the standardised death rate to 14.9, as compared with 16.2 for last year.

Of the 151 deaths of non-residents, 106 occurred in Tydfil Lodge, 12 in the General Hospital, 20 in the Mardy Hospital, 6 in Pontsarn Sanatorium, and 7 in private residences.

Of the 39 residents who died outside the Borough, 6 occurred at Cefn Coed Hospital; 1 at Royal Gwent Hospital; 1 at Sully Hospital; 2 at Glan Ely Hospital; 10 at Cardiff Royal Infirmary; 1 at Ogilvie Colliery, Deri; 1 at Brysta Fach, Pentyrch; 1 at Bedlinog; 3 at Cardiff; 1 at Rookwood Hospital, Cardiff; 1 at Dagenham; 2 at Hereford General Hospital; 1 at Birmingham; 1 at General Hospital, Weston-super-Mare; 1 at Groesnewydd Hospital; 1 at Epsom; 1 at St. Winifred's Hospital, Cardiff; 1 at Aberdare; 1 at Llantrisant; 1 at British Colliery, Glynneath; 1 at Aberpergwm Colliery, Glynneath.

The deaths were distributed in the Wards as follows; and, on the estimated population of each Ward, the percentage death rate per 1,000 of the population is as follows:—

|              |     |     | National<br>Registration 1939. | Deaths. |     | Percentage. |
|--------------|-----|-----|--------------------------------|---------|-----|-------------|
| Dowlais      | ... | ... | 9,061                          | ...     | 199 | 21.74       |
| Penydarren   | ... | ... | 10,143                         | ...     | 95  | 10.38       |
| Park         | ... | ... | 7,089                          | ...     | 75  | 8.19        |
| Cyfarthfa    | ... | ... | 6,139                          | ...     | 81  | 8.85        |
| Town         | ... | ... | 9,195                          | ...     | 179 | 19.56       |
| Plymouth     | ... | ... | 7,771                          | ...     | 96  | 10.49       |
| Merthyr Vale | ..  | ... | 5,934                          | ...     | 86  | 9.39        |
| Treharris    | ... | ... | 7,440                          | ...     | 104 | 11.36       |

No great significance can be attached to the above, because the age and sex distribution in the respective Wards has not been taken into consideration.



I have examined the total number of deaths, their age and sex distribution, and their causes, and I think you should be aware of certain facts relating to the major killing diseases.

### HEART DISEASE.

|         |     |     | Total. |
|---------|-----|-----|--------|
| Males   | ... | ... | 107    |
| Females | ... | ... | 93     |

The deaths recorded in the age and sex groups are as follows :—

|    | 0—5 | 5—15 | 15—45 | 45—65 | 65 upw'ds |
|----|-----|------|-------|-------|-----------|
| M. | —   | 2    | 4     | 33    | 68        |
| F. | —   | 1    | 14    | 19    | 59        |

Heart disease, therefore, was responsible for 21.8 % of the total causes of death, and the death rate of 3.23 per thousand of the population.

### CANCER AND MALIGNANT DISEASE.

|         |     |     | Total. |
|---------|-----|-----|--------|
| Males   | ... | ... | 54     |
| Females | ... | ... | 30     |

The deaths recorded in the age and sex groups are as follows :—

|    | 0—5 | 5—15 | 15—45 | 45—65 | 65 upw'ds |
|----|-----|------|-------|-------|-----------|
| M. | —   | 1    | 5     | 27    | 21        |
| F. | —   | —    | 2     | 19    | 9         |

Cancer and Malignant Disease, therefore, was responsible for 9.18% of the total causes of death, and a death rate of 1.35 per thousand of the population.

### **TUBERCULOSIS (Pulmonary and other forms).**

|         |     |     |        |
|---------|-----|-----|--------|
|         |     |     | Total. |
| Males   | ... | ... | 27     |
| Females | ... | ... | 23     |

The deaths recorded in the age and sex groups are as follows :—

|    |     |      |       |       |           |
|----|-----|------|-------|-------|-----------|
|    | 0—5 | 5—15 | 15—45 | 45—65 | 65 upw'ds |
| M. | —   | 2    | 15    | 8     | 2         |
| F. | —   | 1    | 22    | —     | —         |

Tuberculosis, therefore, was responsible for 5.4% of the total causes of death, and a death rate of .8 per thousand of the population.

### **CONGENITAL DEBILITY, PREMATURE BIRTH, AND MALFORMATION.**

|         |     |     |        |
|---------|-----|-----|--------|
|         |     |     | Total. |
| Males   | ... | ... | 22     |
| Females | ... | ... | 13     |

Congenital Debility, Premature Birth and Malformation, therefore, was responsible for 3.8% of the total causes of death and a death rate of .56 per thousand of the population.

### **BRONCHITIS.**

|         |     |     |     |    |
|---------|-----|-----|-----|----|
| Males   | ... | ... | ... | 48 |
| Females | ... | ... | ... | 23 |

The deaths recorded in the age and sex groups are as follows :—

|    |     |      |       |       |           |
|----|-----|------|-------|-------|-----------|
|    | 0—5 | 5—15 | 15—45 | 45—65 | 65 upw'ds |
| M. | 3   | —    | 2     | 16    | 27        |
| F. | 3   | —    | —     | 5     | 15        |

Bronchitis, therefore, was responsible for 7.75% of the total causes of death, and a death rate of 1.14 per thousand of the population.

**PNEUMONIA.**

|         |     |     |        |
|---------|-----|-----|--------|
|         |     |     | Total. |
| Males   | ... | ... | 12     |
| Females | ... | ... | 14     |

The deaths recorded in the age and sex groups are as follows :—

|    |     |      |       |       |           |
|----|-----|------|-------|-------|-----------|
|    | 0—5 | 5—15 | 15—45 | 45—65 | 65 upw'ds |
| M. | 3   | —    | 1     | 5     | 3         |
| F. | 6   | —    | 3     | 1     | 4         |

Pneumonia, therefore, was responsible for 2.84% of the total causes of death, and a death rate of .42 per thousand of the population.

**DEATHS AT CERTAIN AGE PERIODS.**

|            | No. of Deaths. |     |     |     | Percentage of<br>Total Deaths. |
|------------|----------------|-----|-----|-----|--------------------------------|
| 0—1        | ...            | ... | 59  | ... | 6.45                           |
| 1—5        | ...            | ... | 14  | ... | 1.53                           |
| 5—15       | ...            | ... | 17  | ... | 1.86                           |
| 15—45      | ...            | ... | 123 | ... | 13.44                          |
| 45—65      | ...            | ... | 251 | ... | 27.43                          |
| 65 upwards | ...            | ... | 451 | ... | 49.29                          |

It will be observed that the percentage of the total deaths occurring under 45 years of age is 23.28, and over 45 is 76.72.

**FATAL ACCIDENTS.**

The following were the fatal accidents and suicides recorded during the year :—

Accidents involving motor vehicles, 6 ; Suicides, 6 ; Scalding, 1 ; Colliery, 10 ; Burns, 4 ; Accidental falls, 5 ; Railway Accidents, 1.

## INFANTILE MORTALITY.

The number of deaths under 1 during the year was 59, which is 18 lower than last year, and gives a rate of 58 per 1,000 births.

Of the deaths 56 were of legitimate infants, equivalent to a rate of 58.5 per 1,000 legitimate births, while 3 were illegitimate infants, equivalent to a rate of 66.6 per 1000 illegitimate births. For England and Wales the Infantile Mortality Rate was 55 per 1,000, and for the Boroughs and Great Towns it was 61 per 1,000 births.

Of the 59 deaths 21 occurred under 1 week, 6 occurred under 1 month, 6 1-3 months, 12 3-6 months and 14 6-12 months.

The sub-joined tables give the Infantile Mortality Rate for most of the years 1900 to 1940. It will be observed that there was a significant decline in this Mortality Rate from the year 1900 to 1915. This year is the lowest on record since 1900, viz.: .58

The number of deaths occurring in the first month of life was 27—21 of which occurred under 1 week. Of the 21, 10 were due to premature birth, 1 to convulsions, 4 to deficient vitality, 3 to congenital heart disease, and 3 to other causes.

The number of deaths occurring between 4 weeks and under 3 months was 6, one of which was due to congenital heart disease, 1 to bronchial pneumonia, 1 to infantile jaundice, 1 to gastric enteritis, and 2 to other causes.

Between 3 months and 6 months 12 deaths occurred, one of which was due to congenital heart disease, 4 to marasmus, 2 to bronchial pneumonia, 2 to infantile convulsions, and 3 to other causes.

The Ward distribution as shewn in Table IVA. was as follows :—

|                |     |    |                  |     |   |
|----------------|-----|----|------------------|-----|---|
| Dowlais ...    | ... | 17 | Town ...         | ... | 9 |
| Penydarren ... | ... | 7  | Plymouth ...     | ... | 6 |
| Park ...       | ... | 4  | Merthyr Vale ... | ... | 5 |
| Cyfarthfa ...  | ... | 3  | Treharris... ..  | ... | 8 |

### INFANTILE MORTALITY RATE FROM THE YEAR 1900 TO 1940.

|      |     |           |      |     |     |      |
|------|-----|-----------|------|-----|-----|------|
| 1900 | ... | No Return | 1920 | ... | ... | 84   |
| 1901 | ... | 261       | 1921 | ... | ... | 90   |
| 1902 | ... | No Return | 1922 | ... | ... | 102  |
| 1903 | ... | 153       | 1923 | ... | ... | 86   |
| 1904 | ... | No Return | 1924 | ... | ... | 80   |
| 1905 | ... | 204       | 1925 | ... | ... | 99   |
| 1906 | ... | 179       | 1926 | ... | ... | 83   |
| 1907 | ... | 154       | 1927 | ... | ... | 103  |
| 1908 | ... | 176       | 1928 | ... | ... | 93   |
| 1909 | ... | 142       | 1929 | ... | ... | 107  |
| 1910 | ... | 137       | 1930 | ... | ... | 91   |
| 1911 | ... | 153       | 1931 | ... | ... | 105  |
| 1912 | ... | 128       | 1932 | ... | ... | 73   |
| 1913 | ... | 126       | 1933 | ... | ... | 89.7 |
| 1914 | ... | 119       | 1934 | ... | ... | 74   |
| 1915 | ... | 157       | 1935 | ... | ... | 74   |
| 1916 | ... | No Return | 1936 | ... | ... | 79   |
| 1918 | ... | No Return | 1937 | ... | ... | 79   |
| 1918 | ... | No Return | 1938 | ... | ... | 77   |
| 1919 | ... | 91        | 1939 | ... | ... | 86   |
|      |     |           | 1940 | ... | ... | 58   |

Infantile Mortality Rate for England and Wales 55

Infantile Mortality Rate for the 126 County  
Boroughs and Great Towns ... .. 61

### INFANT WELFARE CENTRES.

(a) Number of Centres provided and maintained by the Council: Nos. 3 and 4, Glebeland Street, Merthyr Tydfil; Plough School, Gellifaelog, Dowlais; Church Hall, Troed-yrhiw; Bethel Hall, Treharris.

(b) Total number of children who attended at the Centres for the first time during the year, and who, on the date of their first attendance, were—

|                                        |     |     |     |     |       |
|----------------------------------------|-----|-----|-----|-----|-------|
| (i) Under 1 year of age                | ... | ... | ... | ... | 1,321 |
| (ii) Between the ages of 1 and 5 years | ... | ... | ... | ... | 935   |

(c) Total number of children who attended the Centres during the year, and who, at the end of the year, were—

|                                       |     |     |     |     |       |
|---------------------------------------|-----|-----|-----|-----|-------|
| (i) Under 1 year of age               | ... | ... | ... | ... | 780   |
| (ii) Between the ages of 1 to 5 years | ... | ... | ... | ... | 1,476 |

### SUPPLY OF MILK.

Milk, or its equivalent in milk powder, is supplied to infants up to 12 months, and fresh milk to nursing mothers if the children are breast-fed.

Expectant mothers also receive milk from the seventh month of pregnancy. The regulations existing with reference to the free supply of milk are as follows:—

(i) A woman has to produce either an Unemployment Card or a card showing that she is in receipt of Public Assistance. Those working or in part-time employment must come within the following income scale:—

**MILK SCALE.***After deduction of Rent.*

|                    | s. | d. |
|--------------------|----|----|
| 1 person ... ..    | 13 | 0  |
| 2 persons...       | 10 | 6  |
| 3 persons and over | 9  | 0  |

The cost to the Maternity and Child Welfare Committee for the year ended March 31st, 1941, was £1,123 9s. 11d. (including milk for toddlers).

**TODDLERS' CLINIC.**

A Clinic for toddlers is held once fortnightly for children from 2 to 5 years of age, excepting those who are in attendance at Elementary Schools. Milk is given on medical grounds after the income test has been satisfied.

## MATERNITY AND CHILD WELFARE.

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### MIDWIVES ACT, 1936.

This Act came into operation on the 31st of July, 1937, and a domiciliary service of salaried midwives was commenced. The Borough was divided into certain areas, roughly corresponding to the actual Wards, and 12 Midwives and one Relief Midwife were appointed at a salary of £150 per annum, rising by annual increments of £10 to a maximum of £200 per annum, plus a uniform allowance of £5 and reasonable travelling expenses. In addition to the usual holidays enjoyed by the Town Hall staff, each Midwife has one day a week off per month, with the exception of the week where the Midwife gets an entire week-end off duty, and that occurs once every month.

Each Midwife has to have a telephone installed in her house at the cost of the Local Authority, and an allowance of approximately five guineas a year is granted towards the cost of such. This allowance varies slightly, depending upon the distances that the Midwife has to telephone to the Supervisor. No arrangements were made with any Nursing Associations; the domiciliary service is given entirely by the Local Authority.

The total number of cases attended by the Midwives to the 31st of December, 1940 was 611. The average number of cases per Midwife was 51. This number is small, but regard must be had to the peculiar configuration of the Borough and the fact that no Midwife is supplied with a car, and, consequently, long distances have to be undertaken on foot.

The total amount of fees received up to 31st December, 1940, in respect of attendances of Midwives as Midwives or Maternity Nurses was £442 4s. 0d.



The fees charged to individuals for attention as Midwives or Maternity Nurses is as follows, and remission of fee takes place where the income falls below the undermentioned scale :—

| Net Weekly Parental Income per head (after deducting Rent and including newly-born infant). | Amount of<br>Fee<br>Recoverable. |
|---------------------------------------------------------------------------------------------|----------------------------------|
| Under 10s. ... ..                                                                           | Nil.                             |
| 10s. up to 12s. 6d. ... ..                                                                  | 10s.                             |
| 12s. 6d. up to 15s. ... ..                                                                  | 20s.                             |
| 15s. and over ... ..                                                                        | 30s.                             |

Subject to—

- (a) Maternity Benefit not being claimed ; but that in the event of two benefits being received, one benefit shall [be claimed from, and payable by, the patient.
- (b) Special consideration shall be given by the Maternity and Child Welfare Committee in cases where exceptional expenditure is incurred by the parent, *e.g.*, train or bus fares to and from work.

The scheme is working quite satisfactorily, but there does not appear to be inaugurated any satisfactory scheme for Refresher Courses in South Wales.

### PUERPERAL PYREXIA.

|                                                       |     |
|-------------------------------------------------------|-----|
| Number of cases of Puerperal Pyrexia ...              | 7   |
| Number of deaths from Puerperal Sepsis...             | Nil |
| Number of deaths from other Puerperal Diseases ... .. | 2   |

The maternal mortality from Puerperal Sepsis was Nil, as compared with .52 for the whole of England and Wales.

The Puerperal Pyrexia notifications per 1,000 total births, live and still, for England and Wales, was 11.96 ; for Merthyr, 6.8.

Drs. Alban and Williams visited those cases which occurred outside the hospital, and the instructions to the midwife with a view to preventing further infections were carried out.

### **BOARDING-OUT OF CHILDREN.**

The Boarding-out Committee meet once monthly, and the Health Visitors report as to the condition of the home and the children whom they visit several times each month. On the 31st December, 1940, there were 8 children boarded-out.

The functions of the Public Assistance Committee in so far as they relate to the education and maintenance of poor children apart from their parents are carried out by the Education and Maternity and Child Welfare Committees, subject to the general directions of the Public Assistance Committee.

### **MATERNAL MORTALITY.**

|                                                                 |        |      |
|-----------------------------------------------------------------|--------|------|
| Total number of deaths during the year ...                      | ...    | 2    |
| Death rate per thousand live births                             | ... .. | 1.99 |
| Death rate per thousand total births                            | ... .. | 1.9  |
| Deaths from Puerperal Sepsis, rate per thousand<br>total births | ... .. | Nil  |

# MATERNAL MORTALITY.

| MATERNAL MORTALITY.        | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| (a) Total Number           | 9    | 12   | 6    | 5    | 7    | 8    | 4    | 2    | 7    | 1    | 4    | 6    | 3    | 2    |
| (b) From Sepsis            | 2    | 2    | —    | 2    | 3    | 2    | 2    | 1    | 2    | 1    | —    | 1    | Nil  | Nil  |
| (c) From other causes      | 7    | 10   | 6    | 3    | 4    | 6    | 2    | 1    | 5    | —    | 4    | 5    | 3    | 2    |
| (d) From associated causes | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    |
| (e) Rate per 1,000 births  | 7.1  | 9.79 | 5.01 | 4.17 | 6.1  | 7.69 | 3.9  | 1.9  | 6.88 | 1.08 | 4.4  | 6.3  | 3.3  | 1.99 |
| T.B.                       | 6.6  | 9.1  | 4.66 | 3.9  | 5.69 | 7.13 | .62  | 1.8  | 6.4  | 1.02 | 4.2  | 5.9  | 3.1  | 1.9  |

As stated in previous Reports, a large number of women enter the Infirmary for their confinements, and during the year 1940, 378 women took advantage of these facilities. There is no doubt in my mind that, with the housing conditions as they are at present and the slow progress we are making to remedy the existing conditions, admission to hospital is an absolute necessity in a large number of cases.

### OPHTHALMIA NEONATORUM.

|                          |     |     |     |
|--------------------------|-----|-----|-----|
| Number of cases notified | ... | ... | 5   |
| Rate per thousand births | ... | ... | 4.9 |

The following are particulars of the cases:—

| Cases           |            |                | Vision<br>un-<br>impaired | Vision<br>impaired | Total<br>Blind-<br>ness | Deaths | Rem'ved<br>from<br>District |
|-----------------|------------|----------------|---------------------------|--------------------|-------------------------|--------|-----------------------------|
| No.<br>notified | Treated    |                |                           |                    |                         |        |                             |
|                 | At<br>Home | In<br>Hospital |                           |                    |                         |        |                             |
| 5               | 5          | —              | 5                         | —                  | —                       | —      | —                           |

### INFANT LIFE PROTECTION.

The number of foster parents registered during  
the year 1940 was ... Nil

The number of children registered was ... Nil

New cases were placed on the register during the year 1940, and in no instances were legal proceedings necessary in respect of the infringement of the Act during the year. Nursing and maintenance were found to be satisfactory. There are at present 6 foster parents and 6 children registered.

# Infectious Diseases.

## SCARLET FEVER.

|                                                                                       |     |     |     |      |
|---------------------------------------------------------------------------------------|-----|-----|-----|------|
| Number of cases for the year 1940                                                     | ... | ... | ... | 62   |
| Number of deaths                                                                      | ... | ... | ... | 1    |
| Death rate per thousand of the population                                             | ... | ... | ... | .01  |
| Death rate per thousand for England and Wales                                         | ... | ... | ... | Nil  |
| Death rate per thousand for the 126 County Boroughs and Great Towns, including London | ... | ... | ... | Nil  |
| Notification rate for England and Wales                                               | ... | ... | ... | 1.63 |
| Notification rate for the 126 County Boroughs and Great Towns                         | ... | ... | ... | 1.53 |
| Notification rate for Merthyr                                                         | ... | ... | ... | 1    |

## Notifications.

The age and Ward distribution was as follows:—

| AGE.    |     |    |  | WARD.        |     |    |
|---------|-----|----|--|--------------|-----|----|
| Under 1 | ... | —  |  | Dowlais...   | ... | 16 |
| 1-5     | ... | 15 |  | Penydarren   | ... | 2  |
| 5-15    | ... | 42 |  | Park         | ... | 9  |
| 15-25   | ... | 4  |  | Cyfarthfa    | ... | 4  |
| 25-45   | ... | 1  |  | Town         | ... | 11 |
| 45-65   | ... | —  |  | Plymouth     | ... | 1  |
| 65 and  |     |    |  | Merthyr Vale | ... | 10 |
| upwards | ... | —  |  | Treharris    | ... | 9  |

Of the 62 notified, 15 were removed to hospital, and the remainder were nursed at home. The disease continues to be mild in type.

## DIPHTHERIA.

|                                                       |     |     |     |      |
|-------------------------------------------------------|-----|-----|-----|------|
| The number of cases of Diphtheria was                 | ... | ... | ... | 109  |
| Number of deaths                                      | ... | ... | ... | 7    |
| Death rate per thousand of the population             | ... | ... | ... | .11  |
| Death rate for England and Wales                      | ... | ... | ... | .05  |
| Death rate for 126 County Boroughs and Great Towns... | ... | ... | ... | .05  |
| Notification rate for Merthyr...                      | ... | ... | ... | 1.3  |
| Notification rate for England and Wales               | ... | ... | ... | 1.14 |
| For the 126 County Boroughs and Great Towns...        | ... | ... | ... | 1.21 |

During 1940 the total number of cases of Diphtheria notified was 109, as compared with 86 for the year 1939, and 153 for the year 1938.

The age and Ward distribution are given in the following table :—

| AGE.    |     |    | WARD.        |     |    |
|---------|-----|----|--------------|-----|----|
| Under 1 | ... | 1  | Dowlais...   | ... | 13 |
| 1-5     | ... | 25 | Penydarren   | ... | 26 |
| 5-15    | ... | 73 | Park         | ... | 16 |
| 15-25   | ... | 8  | Cyfarthfa    | ... | 1  |
| 25-45   | ... | 2  | Town         | ... | 16 |
| 45-65   | ... | —  | Plymouth     | ... | 7  |
| 65 and  | ... | —  | Merthyr Vale | ... | 20 |
| upwards | ... | —  | Treharris    | ... | 10 |

The number of deaths certified as being due to Diphtheria was 7, equivalent to a death rate of .11 and a case mortality of 6.42. The disease in a number of instances maintained its virulent character.

As stated in a previous Report, an immunisation campaign was commenced on the 12th of September, 1934. During the year 1940 no children were Schick tested.

|                                            |     |
|--------------------------------------------|-----|
| Number of children completely immunised... | 486 |
| Number of children received first dose     | 17  |
| Number of children received second dose    | 5   |

The case mortality of those admitted into hospital was Nil.

An analysis of the age distribution of the notified cases shows that .917% were under 1 year of age; 22.9% were under 5 years of age; 66.97% 5-15; 7.24% 15-25; 1.83% 25-45. There were 3 deaths under 5 years of age.

The case mortality for diphtheria from 1900 is as follows :—

|      |     |           |       |      |     |     |       |
|------|-----|-----------|-------|------|-----|-----|-------|
| 1900 | ... | ...       | 22.04 | 1920 | ... | ... | 16.05 |
| 1901 | ... | ...       | 21.8  | 1921 | ... | ... | 20.17 |
| 1902 | ... | No Return |       | 1922 | ... | ... | 12.98 |
| 1903 | ... | ...       | 22.72 | 1923 | ... | ... | 9.09  |
| 1904 | ... | No Return |       | 1924 | ... | ... | 6.52  |
| 1905 | ... | ...       | 16.66 | 1925 | ... | ... | 9.67  |
| 1906 | ... | ...       | 25.83 | 1926 | ... | ... | 9.52  |
| 1907 | ... | ...       | 25.00 | 1927 | ... | ... | 13.26 |
| 1908 | ... | ...       | 11.25 | 1928 | ... | ... | 7.95  |
| 1909 | ... | ...       | 29.77 | 1929 | ... | ... | 13.13 |
| 1910 | ... | ...       | 9.52  | 1930 | ... | ... | 10.50 |
| 1911 | ... | ...       | 15.91 | 1931 | ... | ... | 10.31 |
| 1912 | ... | ...       | 25.00 | 1932 | ... | ... | 3.63  |
| 1913 | ... | ...       | 23.09 | 1933 | ... | ... | 8.23  |
| 1914 | ... | ...       | 17.02 | 1934 | ... | ... | 8.3   |
| 1915 | ... | ...       | 13.72 | 1935 | ... | ... | 8.3   |
| 1916 | ... | No Return |       | 1936 | ... | ... | 8.6   |
| 1917 | ... | No Return |       | 1937 | ... | ... | 4.9   |
| 1918 | ... | No Return |       | 1938 | ... | ... | 3.9   |
| 1919 | ... | ...       | 3.92  | 1939 | ... | ... | 3.5   |
|      |     |           |       | 1940 | ... | ... | 6.4   |

The following is the average for 10-yearly periods from 1900 to 1940, viz. :—

|                     |     |     |     |       |
|---------------------|-----|-----|-----|-------|
| 1900-1911           | ... | ... | ... | 20.05 |
| 1912-1924           | ... | ... | ... | 14.75 |
| 1925-1934           | ... | ... | ... | 9.45  |
| 1935-1940 (6 years) | ... | ... | ... | 5.9   |

## CEREBRO-SPINAL FEVER.

Fourteen cases of Cerebro-spinal Fever were notified during the year. There was 1 death.

## ACUTE POLIOMYELITIS AND ENCEPHALITIS LETHARGICA.

No cases were notified during the year.

## DIARRHOEA.

|                  |     |     |   |
|------------------|-----|-----|---|
| Number of deaths | ... | ... | 9 |
|------------------|-----|-----|---|

Diarrhœa was certified as the cause of nine deaths during the year, giving a death rate of .09 per thousand of the population.

## TUBERCULOSIS.

The total deaths from Tuberculosis during the year was 50, of which four were not notified previously as suffering from Tuberculosis. The percentage of non-notified Tuberculosis deaths to total Tuberculosis deaths was 12.5.

Four cases of Tuberculosis were notified posthumously during the year, and the Medical Practitioners concerned were communicated with in each case.

The replies received were satisfactory.

## NOTIFICATIONS.

|                               |     |         |     |    |
|-------------------------------|-----|---------|-----|----|
| Total number of Notifications | ... | ...     | 116 |    |
| Pulmonary                     | ... | Males   | ... | 50 |
|                               |     | Females | ... | 35 |
| Non-Pulmonary                 | ... | Males   | ... | 11 |
|                               |     | Females | ... | 20 |



## NOTIFICATION RATES

|               |     |         |     |     |     |
|---------------|-----|---------|-----|-----|-----|
| Pulmonary     | ... | Males   | ... | ... | .8  |
|               |     | Females | ... | ... | .56 |
| Non-Pulmonary | ... | Males   | ... | ... | .17 |
|               |     | Females | ... | ... | .32 |

## DEATHS.

|                        |     |         |     |    |
|------------------------|-----|---------|-----|----|
| Total number of Deaths | ... | ...     | ... | 50 |
| Pulmonary              | ... | Males   | ... | 22 |
|                        |     | Females | ... | 21 |
| Non-Pulmonary          | ... | Males   | ... | 5  |
|                        |     | Females | ... | 2  |

## DEATH RATES :

|                              |     |     |         |     |     |     |
|------------------------------|-----|-----|---------|-----|-----|-----|
| Pulmonary                    | ... | ... | Males   | ... | ... | .35 |
|                              |     |     | Females | ... | ... | .33 |
| Non-Pulmonary                | ... | ... | Males   | ... | ... | .08 |
|                              |     |     | Females | ... | ... | .03 |
| Total Death Rate (all forms) | ... | ... | ...     | ... | ... | .79 |

The age distribution is given in the sub-joined table :

| Age<br>Periods    | Deaths      |    |                 |    | New Cases   |    |                 |    |
|-------------------|-------------|----|-----------------|----|-------------|----|-----------------|----|
|                   | Respiratory |    | Non-respiratory |    | Respiratory |    | Non-respiratory |    |
|                   | M.          | F. | M.              | F. | M.          | F. | M.              | F. |
| 0—1               | —           | —  | —               | —  | —           | —  | —               | —  |
| 1—5               | —           | —  | —               | —  | —           | —  | 1               | 1  |
| 5—15              | —           | —  | 2               | 1  | 6           | 3  | 3               | 4  |
| 15—45             | 12          | 21 | 3               | 1  | 35          | 29 | 6               | 12 |
| 45—65             | 8           | —  | —               | —  | 7           | —  | 3               | 3  |
| 65 and<br>upwards | 2           | —  | —               | —  | 2           | —  | —               | —  |
| TOTALS            | 22          | 21 | 5               | 2  | 50          | 35 | 11              | 20 |
|                   | 50          |    |                 |    | 116         |    |                 |    |

The Ward distribution of the Notifications were as follows :—

|            |     |    |              |     |     |    |
|------------|-----|----|--------------|-----|-----|----|
| Dowlais    | ..  | 33 | Town         | ... | ... | 27 |
| Penydarren | ... | 15 | Plymouth     | ... | ... | 9  |
| Park       | ... | 12 | Merthyr Vale | ... | ... | 12 |
| Cyfarthfa  | ... | 4  | Treharris    | ... | ... | 4  |

The Ward distribution of the deaths was as follows :—

|            |     |    |              |     |     |    |
|------------|-----|----|--------------|-----|-----|----|
| Dowlais    | ... | 15 | Town         | ... | ... | 10 |
| Penydarren | ... | 7  | Plymouth     | ... | ... | 2  |
| Park       | ... | 2  | Merthyr Vale | ... | ... | 3  |
| Cyfarthfa  | ... | 8  | Treharris    | ... | ... | 3  |

Seventy-five cases were admitted to Hospitals or Sanatoria during the year.

Of the 50 deaths, 38 occurred at home, 12 at institutions.

No action was taken under Section 2 of the Public Health Act, 1925, which empowers the compulsory removal of a patient suffering from Tuberculosis who is in an infectious state and is without proper accommodation.

For the year ended 31st March, 1941, the amount paid to the Welsh National Memorial Association for the treatment of Tuberculosis cases was £8,883 6s. 0d.

The sub-joined table (page 35) gives the returns of the work of the Tuberculosis Dispensary.

### MEASLES.

Number of cases which came to the knowledge of the Department during the year and were visited by

|                                                       |     |     |     |     |     |     |
|-------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| Health Visitors                                       | ... | ... | ... | ... | ... | 485 |
| Number of Deaths                                      | ... | ... | ... | ... | ... | Nil |
| Death rate per thousand of the population             | ... | ... | ... | ... | ... | Nil |
| Death rate for England and Wales                      | ... | ... | ... | ... | ... | .02 |
| Death rate for 126 County Boroughs and Great Towns... | ... | ... | ... | ... | ... | .02 |

RETURN SHOWING THE WORK OF THE DISPENSARY (OR DISPENSARIES) DURING  
THE YEAR 1940.

| DIAGNOSIS                                                                                     | Pulmonary |     |          |    | Non-Pulmonary |    |          |    | Total  |     |          |    | Grand<br>Total |
|-----------------------------------------------------------------------------------------------|-----------|-----|----------|----|---------------|----|----------|----|--------|-----|----------|----|----------------|
|                                                                                               | Adults    |     | Children |    | Adults        |    | Children |    | Adults |     | Children |    |                |
|                                                                                               | M.        | F.  | M.       | F. | M.            | F. | M.       | F. | M.     | F.  | M.       | F. |                |
| A—DEFINITE CASES of Tuberculosis on Register at beginning of year ...                         | 105       | 102 | 7        | 12 | 27            | 33 | 23       | 27 | 132    | 135 | 30       | 39 | 366            |
| B—NUMBER OF NEW CASES diagnosed as tuberculous during year ...                                | 37        | 23  | 6        | 2  | 4             | 5  | 3        | 5  | 41     | 28  | 9        | 7  | 85             |
| C—NUMBER OF CASES included in A and B written off the Dispensary Register during the year as— |           |     |          |    |               |    |          |    |        |     |          |    |                |
| (1) Recovered ... ..                                                                          | 8         | 1   | —        | —  | 7             | 9  | 4        | 5  | 15     | 10  | 4        | 5  | 34             |
| (2) Dead (all causes) ... ..                                                                  | 12        | 14  | —        | 2  | 3             | 1  | 1        | 1  | 15     | 15  | 1        | 3  | 34             |
| (3) Removed ... ..                                                                            | 12        | 11  | —        | 1  | —             | 4  | 1        | 1  | 12     | 15  | 1        | 2  | 30             |
| (4) For other reasons... ..                                                                   | 11        | 5   | 1        | —  | 1             | 1  | —        | —  | 12     | 6   | 1        | —  | 19             |
| D—NUMBER OF DEFINITE CASES of tuberculosis on the Dispensary Register at the end of year ...  | 99        | 94  | 12       | 11 | 20            | 23 | 20       | 25 | 119    | 117 | 32       | 36 | 304            |
| Add transfers from other areas and cases "lost sight of" returning...                         | 8         | 12  | —        | —  | 1             | 3  | 1        | 1  | 9      | 15  | 1        | 1  | 26             |
|                                                                                               | 107       | 106 | 12       | 11 | 21            | 26 | 21       | 26 | 128    | 132 | 33       | 37 | 330            |



**WHOOPIING - COUGH.**

|                                                                                                     |     |     |     |
|-----------------------------------------------------------------------------------------------------|-----|-----|-----|
| Number of deaths from Whooping Cough                                                                | ... | ... | 1   |
| Death rate per thousand of the population                                                           | ... | ... | .01 |
| Death rate for England and Wales                                                                    | ... | ... | .02 |
| Death rate for 126 County Boroughs and Great Towns...                                               |     |     | .02 |
| Number of cases which came to the knowledge of the<br>Department and were visited by Health Visitor | ... |     | 91  |

**PNEUMONIA.**

|                                                              |        |      |
|--------------------------------------------------------------|--------|------|
| Number of Notifications received during the year             | ...    | 39   |
| Notification Rate for Merthyr                                | ... .. | .6   |
| Notification Rate for England and Wales                      | ...    | 1.2  |
| Notification Rate for 126 County Boroughs and Great<br>Towns | ... .. | 1.37 |
| Number of Deaths                                             | ...    | 26   |
| Death Rate per thousand of the population                    | ...    | .42  |

**SMALL - POX.**

No case of Small Pox was notified during the year.

**VENEREAL DISEASES.**

The facilities for diagnosis and treatment for the above condition are in the Mardy Hospital Grounds.

The Clinics are available at 3 p.m. for females on Tuesdays and for males on Thursdays at 5 p.m. The Irrigation Room is open daily (except Sundays) at 12 noon and 5 p.m.

On January 1st, 1940, 38 males and 15 females were under treatment, and during the year 38 males and 13 females came under treatment for the first time. The number of cases which ceased to attend before the completion of treatment was 7 males and one female. Five males and one female were transferred to other centres for treatment.

The number of cases remaining under treatment on the 31st December, 1940, was 37 males and 18 females.

The number of attendances—

- (a) For individual attention of the Medical Officer was 943 males and 403 females.
- (b) For intermediate treatment, *e.g.*, irrigation, was 3,186 males and 667 females.
- (c) The number of cases of congenital syphilis was one female.

A number attending the Clinic were from Glamorgan, Monmouthshire and Breconshire.

#### Attendances at V.D. Clinic 1926—1939.

| <i>Year.</i> |     | <i>Males.</i> |     | <i>Females.</i> |     | <i>Total.</i> |
|--------------|-----|---------------|-----|-----------------|-----|---------------|
| 1926         | ... | 3862          | ... | 776             | ... | 4638          |
| 1927         | ... | 3915          | ... | 1651            | ... | 5566          |
| 1928         | ... | 4424          | ... | 1843            | ... | 6267          |
| 1929         | ... | 4109          | ... | 1648            | ... | 5757          |
| 1930         | ... | 3653          | ... | 1685            | ... | 5338          |
| 1931         | ... | 4219          | ... | 1620            | ... | 5839          |
| 1932         | ... | 4361          | ... | 1905            | ... | 6266          |
| 1933         | ... | 6120          | ... | 1458            | ... | 7578          |
| 1934         | ... | 6887          | ... | 1928            | ... | 8815          |
| 1935         | ... | 5981          | ... | 1697            | ... | 7678          |
| 1936         | ... | 6564          | ... | 1689            | ... | 8253          |
| 1937         | ... | 6018          | ... | 1321            | ... | 7339          |
| 1938         | ... | 5802          | ... | 995             | ... | 6797          |
| 1939         | ... | 4129          | ... | 1070            | ... | 5199          |

#### ERYSIPELAS.

|                                                           |        |     |
|-----------------------------------------------------------|--------|-----|
| Number of Notifications received during the year          | ...    | 5   |
| Notification Rate for Merthyr                             | ... .. | .08 |
| Notification Rate for England and Wales                   | ... .. | .33 |
| Notification Rate for 126 County Boroughs and Great Towns | ... .. | .36 |
| Number of Deaths                                          | ... .. | Nil |
| Death Rate per thousand of the population                 | ... .. | Nil |

The total number of notifications of persons suffering from Erysipelas received during the year 1940 was 5, as compared with 12 in the previous year.

## CHICKEN - POX.

Chicken-pox was not notifiable during the year, and we have no knowledge of the number of cases that occurred.

## BRONCHITIS.

|                                           |     |     |     |     |     |     |      |
|-------------------------------------------|-----|-----|-----|-----|-----|-----|------|
| Number of Deaths                          | ... | ... | ... | ... | ... | ... | 71   |
| Death Rate per thousand of the population | ... | ... | ... | ... | ... | ... | 1.14 |

Forty-two of the deaths occurred from the age of 45 on :—  
27 males and 15 females.

## DYSENTERY, MALARIA AND ANTHRAX.

No case of the above diseases occurred during the year.

## ORTHOPAEDIC CASES OF CHILDREN NOT ATTENDING SCHOOL.

The following is the table of work done during the year :—

### MERTHYR CENTRE :

|                                                 |     |     |     |     |     |     |     |
|-------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Number of cases                                 | ... | ... | ... | ... | ... | ... | 27  |
| Number of sunlight cases...                     | ... | ... | ... | ... | ... | ... | 69  |
| Number of massage and exercise treatments given | ... | ... | ... | ... | ... | ... | 309 |
| Number of ultra-violet ray cases                | ... | ... | ... | ... | ... | ... | 528 |
| Number of plaster of Paris cases                | ... | ... | ... | ... | ... | ... | 15  |
| Number of visits                                | ... | ... | ... | ... | ... | ... | 8   |

## DOWLAIS CENTRE :

|                                                 |     |     |     |     |     |     |     |
|-------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Number of cases                                 | ... | ... | ... | ... | ... | ... | 38  |
| Number of sunlight cases...                     | ... | ... | ... | ... | ... | ... | 38  |
| Number of massage and exercise treatments given | ... | ... | ... | ... | ... | ... | 116 |
| Number of plaster of Paris cases                | ... | ... | ... | ... | ... | ... | 14  |
| Number of ultra-violet ray cases                | ... | ... | ... | ... | ... | ... | 179 |

## TREHARRIS CENTRE :

|                                                 |     |     |     |     |     |     |    |
|-------------------------------------------------|-----|-----|-----|-----|-----|-----|----|
| Number of cases                                 | ... | ... | ... | ... | ... | ... | 11 |
| Number of massage and exercise treatments given | ... | ... | ... | ... | ... | ... | 57 |
| Number of plasters...                           | ... | ... | ... | ... | ... | ... | 7  |
| Number of visits                                | ... | ... | ... | ... | ... | ... | 3  |

**CANCER AND MALIGNANT DISEASE.**

Cancer and Malignant Disease was given as the cause of death in 76 cases. It was responsible for 8.3% of the total deaths, as compared with 8.4% last year. The death rate was 1.2 per thousand of the population, as compared with 1.05 last year.

Facilities for diagnosis of Cancer in the area were discussed last year. Since then there has been a meeting of Local Authorities at Cardiff to discuss the question of a Radio Therapeutic Centre.



## Public Assistance Administration.

---

The Medical Officer of Health attends all Public Assistance Committees and all the Institution Committees, and is responsible for advising the Council on all matters in relation to the public health.

There is a full-time District Medical Officer for the Dowlais and Penydarren area, but in all other areas of the Borough part-time District Medical Officers are employed.

As I have stated, this is an ordinary Report, and the details of the number of cases attended by the various doctors are not being published in this Report.

There are three part-time consultants on the staff—Professor Strachan, Dr. Robert Owen, Mr. A. O. Parker.

Several meetings have been held under Section 13 of the Local Government Act, 1929, regarding the interchange of consultants. The matter is still under consideration.

As stated in previous Annual Reports, considerable use has been made of in-patient treatment for expectant mothers. The services of an obstetric consultant have been used freely by the Public Assistance Committee and the Maternity Child and Welfare Committee.

Appended are the classifications of in-patients who were discharged from or who died in the Institution during the year, and a classification of the accommodation for the sick and the number of beds occupied on 31st December, 1940. These tables apply only to the "hospital" side of the Institution :—

TYDFIL LODGE.

CLASSIFICATION OF THE SICK AND THE NUMBER OF BEDS OCCUPIED ON 29TH DECEMBER, 1940.

| Classification of Wards | Number of Wards | BEDS     |          |          |          |          |          |          |          |
|-------------------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|
|                         |                 | Men      |          | Women    |          | Children |          | TOTALS   |          |
|                         |                 | Provided | Occupied | Provided | Occupied | Provided | Occupied | Provided | Occupied |
| Medical ... ..          | 8               | 68       | 68       | 38       | 38       | —        | —        | 106      | 106      |
| Surgical ... ..         | 4               | 18       | 18       | 14       | 14       | —        | —        | 32       | 32       |
| Chronic Sick ... ..     | 8               | 64       | 64       | 61       | 61       | —        | —        | 125      | 125      |
| Children ... ..         | 2               | —        | —        | —        | —        | 42       | 42       | 42       | 42       |
| Veneral Diseases ... .. | —               | —        | —        | —        | —        | —        | —        | —        | —        |
| Tuberculosis... ..      | 2               | 4        | —        | 2        | —        | —        | —        | 6        | —        |
| Maternity ... ..        | 2               | —        | —        | 12       | 12       | —        | —        | 12       | 12       |
| Mental Disease ... ..   | 2               | 4        | 4        | 6        | 6        | —        | —        | 10       | 10       |
| Isolation ... ..        | 4               | 2        | 2        | 2        | 2        | —        | —        | 4        | 4        |
| TOTALS ... ..           | 32              | 160      | 156      | 135      | 133      | 42       | 42       | 337      | 331      |

Total Males 132. Females 153. Children 79.

Total 364 beds. Ordinary beds 331. These additional cases were housed in extra beds put up temporarily.

## IN-PATIENTS.

STATISTICS AS AT QUARTER ENDING DECEMBER 31, 1940.

(exclusive of casualties due to enemy action, A.R.P. volunteers injured in the course of their duty and Service sick).

|                                                                                                |     |
|------------------------------------------------------------------------------------------------|-----|
| 1. Total number of admissions (including born in Hospital) ... ..                              | 923 |
| 2. Total number of deaths ... ..                                                               | 73  |
| 3. Total number of discharges (including born in Hospital) ... ..                              | 886 |
| 4. Duration and stay of patients included in 2 and 3 above :—                                  |     |
| (a) Under four weeks ... ..                                                                    | 801 |
| (b) Four weeks and under thirteen weeks ...                                                    | 102 |
| (c) Thirteen weeks or more ... ..                                                              | 56  |
| 5. Number of surgical operations under general anæsthetic (excluding dental operations) ... .. | 68  |

## MENTAL DEFICIENCY ACTS, 1913-1927.

1. During the year 1940 no petitions were presented for orders under the Mental Deficiency Acts.

2. No cases were placed under guardianship, and one male was discharged from guardianship.

3. SUMMARY OF DEFECTIVES REMAINING UNDER CARE.—The following is a summary of mental defectives remaining under care, for whom the Local Authority is responsible :—

|                 |        |                 | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|-----------------|--------|-----------------|-------------|---------------|--------------|
| In Institutions | ... .. | { Under 16 yrs. | Nil         | Nil           | Nil          |
|                 |        | { Aged 16 years |             |               |              |
|                 |        | { and over ...  | 11          | 10            | 21           |

## BLIND PERSONS ACT, 1920.

There are two Committees dealing with the care of the Blind :—

- (1) A Blind Persons Committee set up under the Blind Persons Act, consisting of certain members of the Council and four co-opted members.
- (2) An Institution Committee, which is a voluntary committee.

The Blind Persons Committee are empowered to make a grant of money to blind persons under the scheme. The scheme of the Council under the Blind Persons Act, 1938, provides for an allowance which will bring the income of a blind person up to a maximum of 24s. 6d. per week after taking into consideration the income of the applicant from all sources. Applications are only considered in respect of persons who are registered under the Blind Persons Act, 1920.

Under the Council's scheme the Corporation employ the Institute as agents for employable blind persons, and the Council undertake to pay an augmentive allowance of £50 a year in respect of each worker. Payment to single persons, £1 17s. 0d. per week ; married persons £2 5s. 0d. per week, plus 10% war bonus.

On 31st March, 1941, there were 253 registered blind persons in the County Borough of Merthyr Tydfil — 132 males, 121 females.

There were five children under 16 years of age—2 males and 3 females. Two of these — 1 male and 1 female—were being educated at the Bridgend School for the Blind ; 1 female is receiving private tuition at home, and 1 male and 1 female are mentally deficient.

There were 21 blind persons employed at the Merthyr Tydfil and Mid-Wales Institution for the Blind—18 males and 3 females. 1 male was employed as a home teacher.

# General Provision of Health Services in the Borough.

## MARDY HOSPITAL.

On January 1st, 1940, 32 patients remained in hospital, viz., Scarlet Fever, 2; Diphtheria, 10; Tuberculosis, 19; Cerebro-spinal Fever, 1; During the year 190 patients were admitted, viz., Scarlet Fever, 15; Diphtheria, 98; Tuberculosis, 77.

### SCARLET FEVER :

Fifteen cases were admitted and 15 were discharged during the year. The disease was of a mild type, and there were no deaths. The cases admitted into hospital were those from the home where there was an expectant mother or where there were a large number of children, necessitating the exclusion of contacts and consequent loss of much school time.

|                  |     |     |     |     |     |   |
|------------------|-----|-----|-----|-----|-----|---|
| Number of deaths | ... | ... | ... | ... | ... | 1 |
|------------------|-----|-----|-----|-----|-----|---|

|                                                                                       |     |     |   |
|---------------------------------------------------------------------------------------|-----|-----|---|
| Number of patients admitted during 1939 and still<br>in hospital on 1st January, 1940 | ... | ... | 1 |
|---------------------------------------------------------------------------------------|-----|-----|---|

|                                                                                       |     |     |     |   |
|---------------------------------------------------------------------------------------|-----|-----|-----|---|
| Number of patients admitted during 1940 and still<br>in hospital on 1st January, 1941 | ... | ... | ... | 1 |
|---------------------------------------------------------------------------------------|-----|-----|-----|---|

### DIPHTHERIA :

Ninety-eight cases were admitted and 64 discharged during the year. There were six deaths, giving a case mortality of 6.1%. The case mortality for last year was 8.4%. No positive case was kept in for less a period than five weeks, and in severe cases up to three months.

|                                                                                          |     |     |    |
|------------------------------------------------------------------------------------------|-----|-----|----|
| Number of patients admitted during 1939 and still<br>in hospital on 1st January, 1940... | ... | ... | 10 |
|------------------------------------------------------------------------------------------|-----|-----|----|

|                                                                                          |     |     |    |
|------------------------------------------------------------------------------------------|-----|-----|----|
| Number of patients admitted during 1940 and still<br>in hospital on 1st January, 1941... | ... | ... | 38 |
|------------------------------------------------------------------------------------------|-----|-----|----|

#### MEASLES—BRONCHO-PNEUMONIA.

|                                                        |     |     |     |
|--------------------------------------------------------|-----|-----|-----|
| Number of patients admitted during 1940                | ... | ... | 1   |
| Number of patients discharged during 1940              | ... | ... | 1   |
| Number of deaths during 1940                           | ... | ... | Nil |
| Number of patients still in hospital, January, 1941... |     |     | Nil |

#### PULMONARY TUBERCULOSIS :

Seventy-seven patients were admitted and 61 discharged during the year. There were 12 deaths during the year.

|                                                                                          |     |     |    |
|------------------------------------------------------------------------------------------|-----|-----|----|
| Number of patients admitted during 1939 and still<br>in hospital on 1st January, 1940... | ... | ... | 19 |
| Number of patients admitted during 1940 and still<br>in hospital on 1st January, 1941... | ... | ... | 77 |

|                       |       |         |
|-----------------------|-------|---------|
|                       | MALE. | FEMALE. |
| Borough Cases         | ...   | ...     |
| Outside Borough Cases | 34    | 37      |

#### TYPHOID CASES :

|                                                 |     |   |
|-------------------------------------------------|-----|---|
| Total number of patients admitted during 1940   | ... | 6 |
| Total number of patients discharged during 1940 | ... | 6 |

#### MENINGITIS :

|                                                 |     |     |    |
|-------------------------------------------------|-----|-----|----|
| Number of patients admitted during 1940         | ... | ... | 28 |
| Total number of patients discharged during 1940 | ... | ... | 26 |
| Total number of deaths during 1940              | ... | ... | 1  |

PARTICULARS OF CASES admitted and discharged at Mardy Hospital—outside areas :—

**ABERDARE.****DIPHTHERIA :**

|                                                                                             |     |     |     |
|---------------------------------------------------------------------------------------------|-----|-----|-----|
| Total number of patients admitted during 1939 and<br>still in hospital on 1st January, 1940 | ... | ... | Nil |
| Total number of patients admitted during 1940                                               | ... |     | 134 |
| Total number of patients discharged during 1940                                             | ... |     | 116 |
| Total number of deaths during 1940                                                          | ... | ... | 4   |
| Total number of patients admitted during 1940 and<br>still in hospital on 1st January, 1941 | ... | ... | 40  |

**BRECON.****DIPHTHERIA :**

|                                                                                             |     |     |     |
|---------------------------------------------------------------------------------------------|-----|-----|-----|
| Total number of patients admitted during 1939 and<br>still in hospital on 1st January, 1940 | ... | ... | Nil |
| Total number of patients admitted during 1940                                               | ... |     | 8   |
| Total number of patients discharged during 1940                                             | ... |     | 5   |
| Total number of deaths during 1940                                                          | ... | ... | Nil |
| Total number of patients admitted during 1940 and<br>still in hospital on 1st January, 1941 | ... | ... | 3   |

**ABERDARE.****SCARLET FEVER :**

|                                                                                             |     |     |     |
|---------------------------------------------------------------------------------------------|-----|-----|-----|
| Total number of patients admitted during 1939 and<br>still in hospital on 1st January, 1940 | ... | ... | 1   |
| Total number of patients admitted during 1940                                               | ... |     | 22  |
| Total number of patients discharged during 1940                                             | ... |     | 20  |
| Total number of deaths during 1940                                                          | ... | ... | Nil |
| Total number of patients admitted during 1940 and<br>still in hospital on 1st January, 1941 | ... | ... | 3   |



**BRECON.****SCARLET FEVER :**

|                                                                                             |     |     |     |
|---------------------------------------------------------------------------------------------|-----|-----|-----|
| Total number of patients admitted during 1939 and<br>still in hospital on 1st January, 1940 | ... | ... | Nil |
| Total number of patients admitted during 1940                                               | ... |     | 6   |
| Total number of patients discharged during 1940                                             | ... |     | 5   |
| Total number of deaths during 1940                                                          | ... | ... | Nil |
| Total number of patients admitted during 1940 and<br>still in hospital on 1st January, 1941 | ... | ... | 1   |

**ABERDARE.****TYPHOID CASES :**

|                                                 |     |     |
|-------------------------------------------------|-----|-----|
| Total number of patients admitted during 1940   | ... | Nil |
| Total number of patients discharged during 1940 | ... | Nil |

**EXPENDITURE.**

The Borough Treasurer has furnished the following table of Expenditure and Income for year ended 31st March, 1941 :—

**MARDY HOSPITAL STATEMENT OF ACCOUNTS.**

|                               |     |     |     |         |    |    |
|-------------------------------|-----|-----|-----|---------|----|----|
| EXPENDITURE                   | ... | ... | ... | £10,096 | 1  | 11 |
| INCOME                        | ... | ... | ... | £6,696  | 4  | 11 |
| Nett Expenditure for the year | ... |     |     | £3,399  | 17 | 0  |



## OTHER HOSPITALS IN THE BOROUGH.

### THE GENERAL HOSPITAL.

This Hospital has 115 beds, and includes a children's ward. An addition to the Hospital has been opened, and comprises room for eye and ear, nose and throat departments, an X-Ray department, and a children's ward.

### TYDFIL LODGE (FORMERLY THE UNION INFIRMARY).

The accommodation for the sick is 337 beds, and includes hospital accommodation for the Borough and the parts of the Counties of Glamorgan and Brecon that were formerly comprised in the Merthyr Union.

### PONTSARN SANATORIUM.

The Pontsarn Sanatorium is the property of the Welsh National Memorial Association, and has 38 beds for tuberculosis patients.

### TUBERCULOSIS INSTITUTE.

This building is the property of the Welsh National Memorial Association, and is situate in Church Street, Merthyr Tydfil.

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There is no institutional accommodation in the Borough for unmarried mothers, illegitimate infants, or homeless children.

### AMBULANCE FACILITIES.

The Council possesses a motor ambulance for the transport of infectious cases, and also one for accidents, etc. The Public Assistance Committee possess two motor ambulances, as do also several of the colliery companies.

## PROFESSIONAL NURSING IN THE HOME.

(a) GENERAL. There are two Queen's Nurses in the Town District of the Borough, and two Queen's Nurses at Dowlais.

(b) INFECTIOUS DISEASES. The Health Visitors visit cases of measles, whooping-cough, puerperal fever, epidemic diarrhoea and ophthalmia neonatorum in their own homes. The Welsh National Memorial Association provides one nurse for out-patients suffering from tuberculosis,

# VACCINATION.

| <i>Registration<br/>Sub-Districts</i> | <i>No. of<br/>Births</i> | <i>Suc-<br/>cess-<br/>fully<br/>vaccin-<br/>ated</i> | <i>Insus-<br/>cept-<br/>ible</i> | <i>Had<br/>Small<br/>Pox</i> | <i>No. of<br/>con-<br/>scien-<br/>tious<br/>objection<br/>declara-<br/>tions</i> | <i>Died<br/>Un-<br/>vaccin-<br/>ated</i> | <i>Post-<br/>pone-<br/>ment<br/>by<br/>Medical<br/>Certifi-<br/>cate</i> | <i>Removal<br/>to<br/>Districts<br/>duly<br/>apprised</i> | <i>Removal<br/>to<br/>places<br/>un-<br/>known</i> | <i>No. of<br/>these<br/>Births<br/>Jan 31st,<br/>1941,<br/>neither<br/>entered<br/>nor tem-<br/>porarily<br/>accounted<br/>for</i> | <i>Total No.<br/>of<br/>Certificates<br/>and<br/>copies of<br/>successful<br/>primary<br/>vaccination<br/>of children<br/>under 14<br/>during<br/>Calendar<br/>Year 1940</i> | <i>No. of<br/>Statutory<br/>Declara-<br/>tions of<br/>con-<br/>scientious<br/>objection<br/>actually<br/>received by<br/>the Vac-<br/>cination<br/>Officer<br/>during<br/>Calendar<br/>Year 1940</i> |
|---------------------------------------|--------------------------|------------------------------------------------------|----------------------------------|------------------------------|----------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Merthyr Tydfil<br>Upper ...        | 617                      | 171                                                  | —                                | —                            | 344                                                                              | 48                                       | 4                                                                        | 18                                                        | 24                                                 | 8                                                                                                                                  | 130                                                                                                                                                                          | 219                                                                                                                                                                                                  |
| 2. Merthyr Tydfil<br>Lower ...        | 325                      | 61                                                   | —                                | —                            | 201                                                                              | 30                                       | 2                                                                        | 10                                                        | 18                                                 | 3                                                                                                                                  | 59                                                                                                                                                                           | 147                                                                                                                                                                                                  |
| TOTAL<br>...                          | 942                      | 232                                                  | —                                | —                            | 545                                                                              | 78                                       | 6                                                                        | 28                                                        | 42                                                 | 11                                                                                                                                 | 189                                                                                                                                                                          | 366                                                                                                                                                                                                  |

RETURN showing the number of persons successfully Vaccinated and Re-vaccinated at the cost of the Rates by the Medical Officers of Institutions and the Public Vaccinators during the year ended 30th September, 1940.

| <i>Name of the Institution or<br/>Vaccination District</i> | <i>Name of the Medical<br/>Officer or<br/>Public Vaccinator</i> | <i>Numbers of Successful<br/>Primary Vaccinations of<br/>Persons</i> |                                     |              | <i>Number of<br/>Successful<br/>Revaccinations<br/>i.e., Successful<br/>Vaccinations<br/>of persons<br/>who had been<br/>successfully<br/>vaccinated at<br/>some pre-<br/>vious time</i> |
|------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            |                                                                 | <i>Under<br/>one year<br/>of age</i>                                 | <i>One year<br/>and<br/>upwards</i> | <i>TOTAL</i> |                                                                                                                                                                                          |
|                                                            | TOTALS ... ..                                                   | 182                                                                  | 11                                  | 193          | 4                                                                                                                                                                                        |
| Merthyr Tydfil Upper ...                                   | Dr. S. Cresswell ...                                            | 91                                                                   | —                                   | 91           | 1                                                                                                                                                                                        |
| Merthyr Tydfil Upper ...                                   | Dr. S. Bloom ...                                                | 9                                                                    | —                                   | 9            | —                                                                                                                                                                                        |
| Merthyr Tydfil Lower ...                                   | Dr. M. Bloom ...                                                | 15                                                                   | 3                                   | 18           | 1                                                                                                                                                                                        |
| Merthyr Tydfil Lower ...                                   | Dr. R. Ryce ...                                                 | 9                                                                    | —                                   | 9            | —                                                                                                                                                                                        |
| Merthyr Tydfil Lower ...                                   | Dr. C. R. White...                                              | 58                                                                   | 8                                   | 66           | 2                                                                                                                                                                                        |
| Merthyr Tydfil Lower ...                                   | Dr. E. Foster ...                                               | —                                                                    | —                                   | —            | —                                                                                                                                                                                        |

## WATER SUPPLY.

Nine samples of water for bacteriological analysis were taken during the year.

## CHEMICAL & BACTERIOLOGICAL INVESTIGATIONS.

The total number of specimens submitted for the year 1940 were as follows :—

|                                        |        |      |
|----------------------------------------|--------|------|
| Examinations of pathological specimens | ...    | 1251 |
| Examinations of milk                   | ... .. | 37   |
| Inoculation tests for T.B. milk        | ... .. | 3    |
| Miscellaneous examinations             | ... .. | Nil  |

## LABORATORY WORK.

Mr. Rhys Charles acts as Public Analyst for the Borough.

Dr. V. D. Allison, of Cardiff, however, is pathologist under the Venereal Diseases Scheme, and during the year the following examinations were carried out :—

### FOR DETECTION OF GONOCOCCI :

|                                      |        |    |
|--------------------------------------|--------|----|
| For Treatment Centre                 | ... .. | 14 |
| For Practitioners                    | ... .. | 5  |
| For Hospitals and other Institutions | ...    | 16 |

### FOR WASSERMANN REACTION :

|                                      |        |    |
|--------------------------------------|--------|----|
| For Treatment Centre                 | ... .. | 11 |
| For Practitioners                    | ... .. | 3  |
| For Hospitals and other Institutions | ...    | 16 |

Several practitioners made applications for supplies of Neokharsivan during the year.

## Inspection and Supervision of Foodstuffs.

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### MILK SUPPLY.

On December 31st the names on the register included 121 retail purveyors of milk, 62 cow-keepers and 14 wholesale purveyors of milk.

### MILK LICENSES.

The following licenses were issued during the year:—

One Producer's License, authorising the use of the Special Designation, "Tuberculin Tested," in respect of the farm at which the milk was bottled.

There were two Producers' Licenses, authorising the use of the Special Designation, "Accredited," in respect of farms at which the milk was bottled at the farm.

Four Dealers' Licenses, authorising the use of the Special Designation, "Pasteurised."

One Pasteuriser's License, authorising the use of the Special Designation, "Pasteurised," in relation to milk treated by the Pasteurising process at Merthyr.

During the year the Sanitary Inspectors paid 335 visits of inspection to the dairies and cowsheds, and 25 notices were served under the regulations in respect of dairies, cowsheds and milk-shops. The condition of the cowsheds is now satisfactory, but needs continual vigilance. A dairy is provided in conjunction with every cowshed as well as a milk-cooling apparatus.

Thirty-four samples of milk were reported dirty by the analyst, and 32 slightly dirty, out of a total of 119 which were examined. The necessary warning was given and advice regarding the methods of avoiding contamination. I regret to say that much of the contaminated milk is derived from adjoining farms outside the area.

## **SLAUGHTER-HOUSE AND MEAT INSPECTION.**

There were 8 registered and 6 licensed slaughter-houses in use during the year. Ten notices were served under the Bye-laws to abate nuisances or lime-wash the premises. 1,910 visits were made for the purpose of meat inspection by the Sanitary Inspectors, who all possess the Certificate of the Royal Sanitary Institute for the inspection of meat and other foods.

Slaughtering in the Borough ceased on the 14th January, 1940, and recommenced at the Star slaughter-house on April 29th, 1940. During the interim period all slaughtering was carried out at Aberdare abattoir.

## **SLAUGHTER OF ANIMALS ACT, 1933.**

Thirty-seven slaughter-men were given licenses during the year, and the provisions of the above Act regarding the humane and scientific slaughter of animals, including sheep and lambs, were carried out.

The amount of meat condemned during the year was as follows :—

Beef, 9,432-lbs. ; Pork, 1,338-lbs. ; Mutton, 821-lbs. ; Veal, 140-lbs. ; Beef offal, 7,899 ; Rabbits, 72 ; Eggs, 18 ; Pork offal, 660-lbs. ; Sheep and Lamb offal, 10,102-lbs. .

Other foods condemned were : Fruit and Vegetables, 2,606-lbs. ; Fish, 1,530-lbs. ; Butter, 96-lbs. ; Tinned Goods, 896 receptables ; Mushrooms, 40-lbs. ; Cooked Meats, 153-lbs. ; Bacon, 248-lbs. ; Jellied Veal, 6-lbs. ; Sausage, 27-lbs. ; Brawn, 12-lbs ; Pastries, 32-lbs.

## **CLOSET ACCOMMODATION.**

One hundred and twelve notices to provide or repair cisterns in w.c's, and 38 notices to replace long hopper pans, have been served. In addition, 268 notices were served to repair dilapidated, defective and choked drains.

## SCAVENGING.

### DISTRICT No. 1.

COLLECTION OF REFUSE takes place on alternate days.

TOWN. The refuse from the Town area was deposited at the Wern Field, Llwyncelyn.

TRADE REFUSE is collected on specific days, and charges made by the Corporation.

### DISTRICT No. 2.

DOWLAIS. The refuse of the district is disposed of at :—

- (1) Gellifaelog Cwm.
- (2) Caeracca ; and in very much smaller quantities at :
- (3) Blaen Dowlais and
- (4) Dowlais Top.

### DISTRICT No. 3.

REFUSE COLLECTION. Collection of refuse takes place on alternate days.

REFUSE DISPOSAL. The refuse from the lower part of the district, viz., Bethesda Street, Morgantown, and streets on the left of Brecon Road which are in Cyfarthfa Ward, and all refuse from Park and the lower end of Penydarren is deposited at the Wern Field, Llwyncelyn.

The refuse from the upper portion of the district (Penydarren Ward) is deposited in the old brewery hollow at Gellifaelog.

## DISTRICT No. 4.

COLLECTION OF REFUSE takes place on alternate days.

## REFUSE DISPOSAL,—

*Abercanaid and Pentrebach.*—Refuse from these districts was deposited on sites near Abercanaid Station.

*Troedyrhiw, Merthyr Vale and Aberfan.*—Refuse collected in these districts was deposited on the south side of the Sewage Farm, near The Grove.

*Treharris and Quakers' Yard.*—Refuse collected in these districts was deposited west of Cardiff Road, near Pontygwaun.

Trade Refuse is collected, the usual charge being made by the Corporation.



## SANITARY INSPECTIONS OF THE AREA.

Of the Notices served, 501 were Statutory and 651 Informal.

| <i>Nuisances detected—</i>                            | DISTRICTS |       |       |       |       |
|-------------------------------------------------------|-----------|-------|-------|-------|-------|
|                                                       | No. 1     | No. 2 | No. 3 | No. 4 | Tot'l |
| 1. Dilapidated, defective and choked drains ... ..    | 60        | 40    | 80    | 88    | 268   |
| 2. Insufficient w.c. accommodation ... ..             | 3         | 36    | 9     | 2     | 50    |
| 3. To open and repair slop drains                     | 48        | 37    | 46    | 65    | 196   |
| 4. To provide slop drains ...                         | 4         | 7     | 4     | 4     | 19    |
| 5. To drain urinals ... ..                            | —         | —     | —     | 2     | 2     |
| 6. To provide cisterns in w.c.'s ...                  | 18        | 17    | 35    | 38    | 108   |
| 7. To pave backyards ... ..                           | 14        | 17    | 13    | 18    | 62    |
| 8. To repair stable drains ...                        | —         | —     | —     | —     | —     |
| 9. To provide manure receptacles                      | —         | —     | —     | 1     | 1     |
| 10. To remove foul accumulations                      | 11        | 5     | 12    | 13    | 41    |
| 11. To repair dilapidated dwellings                   | 43        | 22    | 84    | 56    | 205   |
| 12. To cleanse dwelling-houses ...                    | 20        | 15    | 9     | 24    | 68    |
| 13. To provide rainwater troughing                    | 94        | 67    | 66    | 123   | 350   |
| 14. To prevent escape of sewer gas into houses ... .. | 6         | —     | 5     | 8     | 19    |
| 15. To ventilate drains ... ..                        | 3         | 11    | 9     | 8     | 31    |
| 16. To remove fowls, animals, &c.                     | 5         | —     | 3     | 5     | 13    |
| 17. To prevent overcrowding ...                       | 4         | —     | —     | —     | 4     |
| 18. Under Slaughterhouse Byelaws                      | 1         | —     | —     | —     | 1     |
| 19. Under Factory Act ... ..                          | 5         | 2     | 4     | 12    | 23    |
| 20. Under Dairies and Cowsheds Regulations ... ..     | 4         | 4     | 7     | 10    | 25    |
| 21. To provide a separate water supply ... ..         | 2         | 2     | —     | 3     | 7     |
| 22. To prevent pollution of brook                     | —         | —     | 4     | 2     | 6     |
| 23. Common Lodging-houses ...                         | 1         | 2     | —     | —     | 3     |

SANITARY INSPECTIONS—*continued.*

| <i>Nuisances detected—</i>                         | DISTRICTS |       |       |       |       |
|----------------------------------------------------|-----------|-------|-------|-------|-------|
|                                                    | No. 1     | No. 2 | No. 3 | No. 4 | Tot'l |
| 24. Houses let in lodgings ...                     | 6         | 9     | 6     | —     | 21    |
| 25. To repair defective roofs causing dampness ... | 87        | 78    | 90    | 111   | 366   |
| 26. To remove long hopper pans...                  | 8         | 10    | 10    | 10    | 38    |
| 27. To provide sinks in houses ...                 | 5         | 4     | 4     | —     | 13    |
| 28. To connect drainage cesspit to sewer ...       | —         | —     | —     | —     | —     |
| 29. To cleanse cesspit ...                         | —         | —     | —     | 7     | 7     |
| 30. To close stable as insanitary...               | —         | —     | —     | —     | —     |
| 31. To divide common backyard...                   | 10        | 13    | 2     | 2     | 27    |
| 32. To provide proper coalplaces...                | 19        | 11    | 8     | 18    | 56    |
| 33. Other nuisances ...                            | 36        | 181   | 37    | 69    | 323   |

## INSPECTIONS MADE DURING THE YEAR :

|                                    |     |     |     |     |      |
|------------------------------------|-----|-----|-----|-----|------|
| House-to-house ...                 | 120 | 383 | 399 | 312 | 1214 |
| Infectious diseases investigation  | 65  | 78  | 95  | 92  | 330  |
| Infectious diseases re-visited ... | 25  | 80  | 75  | 91  | 271  |
| Slaughter-houses ...               | 620 | 310 | 502 | 478 | 1910 |
| Cowsheds and Dairies ...           | 61  | 80  | 73  | 115 | 329  |
| Common Lodging-houses ...          | 26  | 22  | —   | —   | 48   |
| Houses let in lodgings ...         | 28  | 69  | 49  | —   | 146  |
| Mechanical Factories ...           | 53  | 81  | 53  | 71  | 258  |
| Non-Mechanical Factories ...       | 62  | 89  | 63  | 120 | 334  |
| Complaints received ...            | 66  | 184 | 160 | 70  | 480  |

## RESULTS OF THE ABOVE INSPECTIONS :

|                            |            |            |            |            |            |
|----------------------------|------------|------------|------------|------------|------------|
| Nuisances detected ...     | 502        | 590        | 550        | 710        | 2353       |
| Notices issued ...         | 221        | 274        | 355        | 312        | 1162       |
| Premises disinfected ...   | 68         | 74         | 98         | 85         | 325        |
| Clothing disinfected ...   | 68         | 74         | 98         | 85         | 325        |
|                            | <i>ft.</i> | <i>ft.</i> | <i>ft.</i> | <i>ft.</i> | <i>ft.</i> |
| Length of drain tested ... | 744        | 1459       | 2282       | 1254       | 5739       |

## COMMON LODGING HOUSES.

There are 11 common lodging-houses in the Borough, and 48 visits of inspection were made by the Inspectors. Three notices were served during the year to abate nuisances or remedy defects. The conditions generally may be said to be satisfactory; and, as reported previously, the accommodation is considerably in excess of the demand.

## HOUSES LET IN LODGINGS.

Forty-eight remain on the Register. One hundred and forty-six visits of inspection were made by the Sanitary Inspectors, and 21 notices were served to abate nuisances or remedy defects.

## OFFENSIVE TRADES.

There are now 5 premises where offensive trades are carried on: gut-scrapers, 2; fellmongers, 1; knackers, 1; fat-rendering, 1. Complaints of offensive effluvia received during the year were promptly dealt with and remedied.

## SCHOOLS.

The sanitary condition has been reported on in the School Medical Report to the Board of Education. The action taken in relation to the health of the scholars and for preventing the spread of infectious diseases is in conformity with the Memorandum on the Closure and Exclusion from School, 1925, issued conjointly by the Ministry of Health and the Board of Education.

## RATS AND MICE (DESTRUCTION) ORDER, 1919.

During the year the Inspectors report that 84 premises, including tips, culverts, allotments, schools, business premises, and the Sewage Farm, Troedyrhiw have been dealt with. When

complaints are received, investigations are made at the complainant's and adjoining premises. Three series of baits are laid at each infested premises, with a week's time intervening between each. Gratifying results have been obtained by the added interest taken by the tradesmen and others of the notification of the rodents, and it has been seldom necessary to revisit the premises after three series of baits have been laid. Nothing is left undone, month by month, to thoroughly cope with the extermination of the rodents.

### **FACTORIES ACT, 1937.**

There are 84 factories with mechanical power (including bakehouses), and 214 visits of inspection were made.

The number of factories where mechanical power is not used is 123, and the number of visits paid were 378.

### **SHOPS ACTS, 1912—1938.**

The following is the report of the Shops Inspector for the year ending 31st December, 1940 :—

In connection with the registration and inspection of shops 2,770 visits were paid to shops and other business premises, to check the hours of employment of young persons under the Shops Act, 1934, under the Sunday Trading (Restrictions) Act, 1936, and under the Young Persons Employment Act, 1938.

During the year 2116 visits were paid to Shops, Warehouses, Cinemas and Billiards Halls, and as a result of 1517 visits in connection with Section 10, Shops Act 1934, defects were noted in 94 instances ; as a result of the service of informal notices suitable and sufficient means were provided for regulation of temperature, sanitary conveniences, lighting and washing facilities as follows :—

| REQUIREMENT. | <i>Number<br/>Defective</i> | <i>Informal<br/>notices served</i> | <i>Statutory<br/>notices served</i> |
|--------------|-----------------------------|------------------------------------|-------------------------------------|
|--------------|-----------------------------|------------------------------------|-------------------------------------|

Provision and maintenance  
of :—

|                            |     |    |    |     |
|----------------------------|-----|----|----|-----|
| 1. Sanitary Conveniences   | ... | 24 | 24 | Nil |
| 2. Washing facilities      | ... | 25 | 25 | Nil |
| 3. Temperature...          | ... | 35 | 35 | Nil |
| 4. Ventilation             | ... | 5  | 5  | Nil |
| 5. Facilities for meals... | ... | 5  | 5  | Nil |

---

|       |     |    |    |     |
|-------|-----|----|----|-----|
| TOTAL | ... | 94 | 94 | Nil |
|-------|-----|----|----|-----|

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# HOUSING

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|                                      | DISTRICTS |       |       |       |       |
|--------------------------------------|-----------|-------|-------|-------|-------|
|                                      | No. 1     | No. 2 | No. 3 | No. 4 | Tot'l |
| Number of houses inspected ...       | 120       | 383   | 399   | 312   | 1214  |
| Defective drains ... ..              | 12        | 18    | 44    | 46    | 120   |
| Choked drains ... ..                 | 28        | 46    | 20    | 54    | 148   |
| Unventilated drains ... ..           | 3         | 11    | 13    | 18    | 45    |
| Pans in a filthy condition ...       | 9         | 18    | 10    | 24    | 61    |
| Absence of, or defectine cisterns... | 24        | 17    | 39    | 33    | 113   |
| Absence of, or defective sinks...    | 17        | 12    | 5     | 28    | 62    |
| Insufficient w.c. accommodation      | 3         | 30    | 12    | 32    | 77    |
| Houses in a filthy condition ...     | 20        | 15    | 9     | 24    | 68    |
| Houses in bad repair and damp        | 43        | 22    | 53    | 56    | 174   |
| Broken pavement in yard ...          | 10        | 24    | 27    | 28    | 89    |
| Animals and fowls in yard ...        | 5         | 13    | 3     | 15    | 36    |
| Refuse in yard ... ..                | 11        | 33    | 20    | 36    | 100   |
| Other nuisances ... ..               | 28        | 64    | 55    | 38    | 185   |

Details in respect of each Ward :—

| Ward.            | Houses<br>Unaffected<br>(Form A). | Houses<br>Unaffected<br>(Form B). | Overcrowded<br>Dwellings<br>(Form B). | Number of<br>houses actually<br>returned. | Number of houses<br>investigated. | Number of<br>sub-tenants. | No. of houses<br>with both tenants<br>and sub-tenants<br>affected (Form A). | Percentage of<br>overcrowding in<br>Wards. |
|------------------|-----------------------------------|-----------------------------------|---------------------------------------|-------------------------------------------|-----------------------------------|---------------------------|-----------------------------------------------------------------------------|--------------------------------------------|
| Dowlais ...      | 1809                              | 175                               | 138                                   | 2122                                      | 1942                              | 180                       | 17                                                                          | 6.5%                                       |
| Penydarren ...   | 2587                              | 242                               | 230                                   | 3059                                      | 2825                              | 234                       | 49                                                                          | 6.5%                                       |
| Park ...         | 1204                              | 108                               | 88                                    | 1400                                      | 1212                              | 188                       | 16                                                                          | 6.3%                                       |
| Cyfarthfa ...    | 1479                              | 204                               | 206                                   | 1889                                      | 1571                              | 318                       | 30                                                                          | 10.9%                                      |
| Town ...         | 2119                              | 260                               | 194                                   | 2573                                      | 2121                              | 452                       | 31                                                                          | 7.5%                                       |
| Plymouth ...     | 1871                              | 161                               | 77                                    | 2109                                      | 1788                              | 321                       | 20                                                                          | 3.6%                                       |
| Merthyr Vale ... | 1457                              | 87                                | 30                                    | 1574                                      | 1329                              | 245                       | 10                                                                          | 1.9%                                       |
| Treharris...     | 1589                              | 125                               | 103                                   | 1817                                      | 1523                              | 294                       | 30                                                                          | 5.7%                                       |
| TOTAL            | <u>14115</u>                      | <u>1362</u>                       | <u>1066</u>                           | <u>16543</u>                              | <u>14311</u>                      | <u>2232</u>               | <u>203</u>                                                                  | —                                          |

The percentage of overcrowding in Borough is 6.4%





## HOUSING STATISTICS.

## NEW HOUSES.

Number of New Houses erected during the year :—

|                                                             |    |
|-------------------------------------------------------------|----|
| (a) Total, including numbers given separately under (b) ... | 97 |
| (b) With State assistance under the Housing Acts :—         | 97 |
| (i) By the Local Authority ... ..                           | —  |
| (ii) By other bodies or persons ... ..                      | —  |

## 1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

|                                                                                                                                                                        | (1) | (2) | (3) | (4) | Total |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-------|
| (1) (a) Total number of dwelling houses inspected (for housing defects under Public Health or Housing Acts) ... ..                                                     | 185 | 461 | 494 | 404 | 1544  |
| (b) Number of inspections made for the purpose ... ..                                                                                                                  | 324 | 573 | 585 | 520 | 2002  |
| (2) (a) Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ...             | 120 | 383 | 399 | 312 | 1214  |
| (b) Number of inspections made for the purpose ... ..                                                                                                                  | 198 | 476 | 497 | 400 | 1571  |
| (3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..                                    | 63  | 20  | 84  | 56  | 223   |
| (4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... .. | 128 | 246 | 254 | 234 | 862   |

## 2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ... ..

116    156    198    180    650

## 3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :

|                                                                                                |   |   |   |   |   |
|------------------------------------------------------------------------------------------------|---|---|---|---|---|
| (1) Number of dwelling houses in respect of which notices were served requiring repairs ... .. | — | — | — | — | — |
| (2) Number of dwelling houses which were rendered fit after service of formal notices :—       |   |   |   |   |   |
| (a) By Owners... ..                                                                            | — | — | — | — | — |
| (b) By Local Authority in default of Owners ... ..                                             | — | — | — | — | — |

HOUSING STATISTICS—*continued.*

|                                                                                                                                                                | (1) | (2) | (3) | (4) | Total |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-------|
| B.—Proceedings under the Public Health Acts :—                                                                                                                 |     |     |     |     |       |
| (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied...                                                      | 95  | 112 | 139 | 110 | 456   |
| (2) Number of dwelling houses in which defects were remedied after service of formal notices ... ..                                                            |     |     |     |     |       |
| (a) By Owners ... ..                                                                                                                                           | 90  | 108 | 125 | 105 | 428   |
| (b) By Local Authority in default of Owners ... ..                                                                                                             | —   | —   | —   | —   | —     |
| C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—                                                                                            |     |     |     |     |       |
| (1) Number of dwelling houses in respect of which Demolition Orders were made ... ..                                                                           | —   | —   | —   | —   | —     |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ..                                                                              | —   | —   | —   | —   | —     |
| D.—Proceedings under Section 12 of the Housing Act, 1936 :—                                                                                                    |     |     |     |     |       |
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made                                                             | —   | —   | —   | —   | —     |
| Premises closed ... ..                                                                                                                                         | —   | —   | —   | —   | —     |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... .. | —   | —   | —   | —   | —     |
| E.—Proceedings under Section 3 of the Housing Act, 1925 :—                                                                                                     |     |     |     |     |       |
| (1) Number of dwelling houses in respect of which notices were served requiring repairs ... ..                                                                 | —   | —   | —   | —   | —     |
| (2) Number of dwelling houses which were rendered fit after service of formal notices :—                                                                       |     |     |     |     |       |
| (a) By Owners ... ..                                                                                                                                           | —   | —   | —   | —   | —     |
| (b) By Local Authorities in default of Owners... ..                                                                                                            | —   | —   | —   | —   | —     |
| (3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intentions to close ... ..         | —   | —   | —   | —   | —     |

HOUSING STATISTICS—*continued*.

|                                                                                                                                       | (1) | (2) | (3) | (4) | Total |
|---------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-------|
| F.—Proceedings under Sections 11, 14 & 15 of the Housing Act, 1925 :—                                                                 |     |     |     |     |       |
| (1) Number of dwelling houses in respect of which Closing Orders were made ... ..                                                     | —   | —   | —   | —   | —     |
| (2) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit ... .. | —   | —   | —   | —   | —     |
| (3) Number of dwelling houses in respect of which Demolition Orders were made ... ..                                                  | —   | —   | —   | —   | —     |
| (4) Number of dwelling houses demolished in pursuance of Demolition Orders ... ..                                                     | —   | —   | —   | —   | —     |
| Number of removals of tenants under Slum Clearance Scheme to complete first year's programme ...                                      | —   | —   | —   | —   | —     |
| From Houses ... ..                                                                                                                    | —   | —   | —   | —   | —     |
| From Cellars or parts of Houses ...                                                                                                   | —   | —   | —   | —   | —     |
| Furniture and effects disinfected ...                                                                                                 | —   | —   | —   | —   | —     |

## 4. NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY, DISTINGUISHING THOSE BUILT IN THE LAST THREE YEARS AND HELD UNDER PART 2 OF THE HOUSING ACT, 1925, and (2) OTHER POWERS.

Houses owned by the Local Authority—1081.

|                       |       |
|-----------------------|-------|
| By Purchase ... ..    | 7     |
| Under 1890 Act ... .. | 347   |
| Under 1919 Act ... .. | 236   |
| Under 1924 Act ... .. | 226   |
| Under 1930 Act ... .. | 108   |
| Under 1936 Act ... .. | 354   |
|                       | } 462 |

## ERADICATION OF BED BUGS.

The following table shows the Inspectors' work regarding the eradication of bed bugs.

|                                          |     |
|------------------------------------------|-----|
| (a) NUMBER OF COUNCIL HOUSES—            |     |
| (i) Found infested ... ..                | 17  |
| (ii) Disinfested ... ..                  | 17  |
| (b) NUMBER OF OTHER HOUSES—              |     |
| (i) Found infested ... ..                | 92  |
| (ii) Disinfested ... ..                  | 92  |
| (c) Slum removal effects disinfested ... | Nil |

These houses were visited either in normal house-to-house inspections or as the result of complaints from the tenants. The Inspectors report that excellent results have been obtained by cleaning and scrubbing, carried out systematically, with soap and water. In addition, sulphur fumigation, Izal spray and insecticide sprays were used.

With regard to the removal of tenants from Slum Clearance areas to the new Housing Estate, the furniture and effects were disinfected with hydro-cyanic acid gas. The bedding was steam disinfected, and all clothing was similarly steam disinfected. This work was carried out by a Contractor for furniture effects, and by the Local Authority in respect of the disinfection of clothing and bedding.

## PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

The regulations generally have been satisfactorily carried out during the year. The handling and transport of meat is observed in accordance with the above regulations, and the hawkers' carts are protected in such a manner as to prevent contamination of the meat.

The use of greaseproof paper is rigidly enforced for the wrapping of meat and bacon.

Notice of emergency slaughter continues to be given where necessary. The slaughter of pigs, etc., even for home consumption, is invariably carried out at the slaughter-houses, prior notice being given in each case as to the place and time of slaughter.

All meat-carriers in the Borough are provided with and wear washable head-covering and overalls when carrying meat.

### NUMBER KILLED :

| Cattle. | Cows. | Calves. | Sheep and<br>Lambs. | Pigs. |
|---------|-------|---------|---------------------|-------|
| 1,361   | 317   | 376     | 17,556              | 1,565 |

### NUMBER INSPECTED :

| Cattle. | Cows. | Calves. | Sheep and<br>Lambs. | Pigs. | Total<br>Inspected |
|---------|-------|---------|---------------------|-------|--------------------|
| 1,361   | 317   | 376     | 17,556              | 1,565 | 21,175             |

### ALL DISEASES EXCEPT TUBERCULOSIS :

#### *Whole carcasses condemned—*

| Cattle. | Cows. | Calves. | Sheep and<br>Lambs. | Pigs. |
|---------|-------|---------|---------------------|-------|
| 3       | 2     | —       | 4                   | 1     |

#### *Carcase of which some part or organ was condemned—*

| Cattle. | Cows. | Calves. | Sheep and<br>Lambs. | Pigs. |
|---------|-------|---------|---------------------|-------|
| 233     | 41    | —       | 1,695               | 33    |

PERCENTAGE of the number inspected affected with disease other than tuberculosis—9.5.

#### TUBERCULOSIS ONLY :

*Whole carcasses condemned—*

| Cattle. | Cows. | Calves. | Sheep and<br>Lambs. | Pigs. |
|---------|-------|---------|---------------------|-------|
| 7       | 6     | —       | —                   | 5     |

*Carcases of which some part or organ was condemned—*

| Cattle. | Cows. | Calves. | Sheep and<br>Lambs. | Pigs. |
|---------|-------|---------|---------------------|-------|
| 173     | 63    | —       | —                   | 84    |

PERCENTAGE of the number inspected affected with tuberculosis—1.58

### INSPECTION OF PLACES WHERE FOOD IS PREPARED.

RESTAURANT KITCHENS. Including licensed premises where food is prepared, there are 23 in the Borough. Owing to the closure of the steelworks at Dowlais there is not the same demand for meals in restaurant kitchens. In two instances it was necessary to call attention to the neglect of cleansing and lime-washing. Otherwise the Inspectors report favourably as to the sanitary conditions and the condition of the foods.

There are also three factory canteens in the Borough.

FISH-FRYING AND CHIP POTATO SHOPS. There are 37 in the Borough, and these are regularly visited by the Sanitary Inspectors, who report favourably as to their conditions and absence of nuisance.

ICE-CREAM VENDORS. There are 46 premises on the register; the number is six more than last year. These pre-

mises are all kept under constant supervision, and a number of applications for registration were refused owing to the unsuitability of the premises.

**BAKEHOUSES.** Fifty-eight premises were in use during the year, including one certified underground bakehouse. Three hundred and twelve visits were made during the year ; 10 notices of repairs and lime-washing, etc., were served. The conditions generally were satisfactory.

**BUTCHERS.** Small goods, including brawn, polonies, pies, faggots, etc., were prepared at 52 butchers' establishments and four cottages. At the butchers' establishments the work is carried out in a special room, and electric power is available. In the cottages a small business is done. All the premises are regularly visited by the Inspectors, and the conditions found to be satisfactory.

**MERCHANDISE MARKS ACT, 1926.** The provisions of this Act are now being carried out satisfactorily. It has been necessary to warn a number of traders during the early part of the year, but since the Act has been explained to them the necessary markings are carried out.

**AGRICULTURAL PRODUCE GRADING AND MARKING ACT, 1928.** The marking of eggs in accordance with this Act has been carried out.

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Mr. R. P. Charles acts as Public Analyst, and the following is his report for the year :—

## FOOD AND DRUGS ADULTERATION ACT.

During the year 118 formal and 1 informal samples of milk were taken for analysis. In ten cases the samples were below the legal standard :—

- 3 cases—2% deficient in fat.
- 1 case—8.6% deficient in fat.
- 1 case—3.0% deficient in fat.
- 1 case—3.8% added water.
- 1 case—2.0% added water.
- 1 case—1.7% added water.
- 2 cases—1.0% added water.

The following were the prosecutions and results :—

M.W.D. : 8.6% deficient in fat—dismissed.

S.P. : Nuisance ordered to abate in 28 days—13/- costs.

Six formal and one informal samples of butter were taken for analysis. All were found genuine.

Twelve samples of vinegar were taken—all were found genuine.

In addition to those samples, samples of the following foods were taken for analysis :—

|                        | Formal<br>Samples. |     | Genuine. |     | Adulterated. |
|------------------------|--------------------|-----|----------|-----|--------------|
| Sausage .....          | 35                 | ... | 34       | ... | 1            |
| Jam .....              | 6                  | ... | 6        | ... | —            |
| Vinegar .....          | 12                 | ... | 12       | ... | —            |
| Coffee.....            | 12                 | ... | 12       | ... | —            |
| Dried Peas .....       | 6                  | ... | 6        | ... | —            |
| Pepper .....           | 6                  | ... | 6        | ... | —            |
| Rice.....              | 1                  | ... | 1        | ... | —            |
| Tea .....              | 6                  | ... | 6        | ... | —            |
| Dried fruit.....       | 3                  | ... | 3        | ... | —            |
| Butter.....            | 6                  | ... | 6        | ... | —            |
| Lemon cheese .....     | 1                  | ... | 1        | ... | —            |
| Coffee and chicory.... | 1                  | ... | 1        | ... | —            |



FOOD AND DRUGS—*continued*.

|                          | Informal<br>Samples. |     | Genuine. |     | Adulterated. |
|--------------------------|----------------------|-----|----------|-----|--------------|
| Beer .....               | 1                    | ... | 1        | ... | —            |
| Tinned cream .....       | 12                   | ... | 12       | ... | —            |
| Nescafé .....            | 1                    | ... | 1        | ... | —            |
| Whisky .....             | 1                    | ... | 1        | ... | —            |
| Milk .....               | 1                    | ... | 1        | ... | —            |
| Mustard .....            | 3                    | ... | 3        | ... | —            |
| Ground almonds .....     | 5                    | ... | 5        | ... | —            |
| Glacé cherries .....     | 4                    | ... | 4        | ... | —            |
| Butter .....             | 2                    | ... | 2        | ... | —            |
| Tincture of Iodine ..... | 1                    | ... | 1        | ... | —            |

Of the food examined for the presence of preservative, all were found to be within the prescribed limits.

### **PUBLIC HEALTH (MILK & CREAM) REGULATIONS, 1912—1927.**

REPORT FOR THE YEAR ENDING 31ST DECEMBER, 1940.

1. Milk and Cream not sold as prepared cream :—

| (a) Number of samples<br>examined for the<br>presence of a pre-<br>servative. | (b) Number in which a preserva-<br>tive was reported to be present<br>and percentage of preservative<br>in each sample. |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Milk ... 119                                                                  | Nil.                                                                                                                    |
| Cream ... 12                                                                  | Nil.                                                                                                                    |

All the samples of cream were genuine and of good quality.

### **PROSECUTIONS OTHER THAN MILK.**

D.J.L. and S.L. : Nuisances ordered to abate in one month, 18/- costs.

S.P. : Nuisances ordered to abate in 21 days, 13/- costs.



# Dental Report for 1940.

The DENTAL OFFICER submits the following Report :—

|                                     |      |
|-------------------------------------|------|
| Number of mothers treated at Clinic | 230  |
| Fillings .....                      | 49   |
| Extractions .....                   | 1194 |
| Local anæsthetics .....             | 120  |
| Other operations.....               | 55   |
| General anæsthetics .....           | 221  |
| Attendances made .....              | 275  |

During the year 1940 fifty-eight mothers received artificial dentures.

Infant Welfare cases :—

|                           |     |
|---------------------------|-----|
| General anæsthetics ..... | 40  |
| Fillings .....            | 45  |
| Extractions .....         | 258 |
| Local anæsthetics .....   | 74  |
| Other operations.....     | 28  |
| Attendances made .....    | 231 |

JAMES A. WYLIE, I.D.S., R.F.P.S.,

Dental Officer.

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T. H. STEPHENS, M.B., Ch.B., D.P.H.,

Medical Officer of Health.



TABLE I.  
VITAL STATISTICS OF WHOLE DISTRICT DURING 1940 AND PREVIOUS YEARS.  
Name of District—MERTHYR TYDFIL.

| Year | Population<br>Estimated<br>to<br>Middle of<br>Year | Births                     |        |       | Total Deaths<br>Registered in<br>District |       | Transferable<br>Deaths                                |                                                        | Nett Deaths belonging to the District |                                      |             |       |
|------|----------------------------------------------------|----------------------------|--------|-------|-------------------------------------------|-------|-------------------------------------------------------|--------------------------------------------------------|---------------------------------------|--------------------------------------|-------------|-------|
|      |                                                    | Un-<br>corrected<br>Number | Nett   |       | Number                                    | Rate  | Of Non-<br>Residents<br>Registered in<br>the District | Of Resi-<br>dents not<br>Registered in<br>the District | Under 1 year of Age                   |                                      | At all Ages |       |
|      |                                                    |                            | Number | Rate  |                                           |       |                                                       |                                                        | Number                                | Rate<br>per 1,000<br>Nett#<br>Births | Number      | Rate  |
| 1    | 2                                                  | 3                          | 4      | 5     | 6                                         | 7     | 8                                                     | 9                                                      | 10                                    | 11                                   | 12          | 13    |
| 1927 | 79,700                                             | 1257                       | 1262   | 15.8  | 1102                                      | 13.8  | 110                                                   | 38                                                     | 131                                   | 103                                  | 1030        | 12.9  |
| 1928 | 79,500                                             | 1229                       | 1225   | 15.4  | 1069                                      | 13.4  | 108                                                   | 43                                                     | 115                                   | 93                                   | 1064        | 12.6  |
| 1929 | 77,790                                             | 1220                       | 1196   | 15.3  | 1159                                      | 14.8  | 87                                                    | 36                                                     | 128                                   | 106                                  | 1108        | 14.2  |
| 1930 | 77,790                                             | 1197                       | 1179   | 15.1  | 1031                                      | 13.2  | 93                                                    | 35                                                     | 108                                   | 91                                   | 973         | 12.5  |
| 1931 | 71,480                                             | 1170                       | 1142   | 15.9  | 1170                                      | 14.96 | 120                                                   | 65                                                     | 120                                   | 105                                  | 1015        | 14.2  |
| 1932 | 70,690                                             | 1062                       | 1040   | 14.7  | 1034                                      | 14.6  | 120                                                   | 52                                                     | 76                                    | 73                                   | 966         | 13.66 |
| 1933 | 69,680                                             | 1043                       | 1025   | 14.7  | 1094                                      | 15.7  | 123                                                   | 47                                                     | 92                                    | 89.7                                 | 971         | 13.9  |
| 1934 | 68,700                                             | 1065                       | 1018   | 14.8  | 1039                                      | 15.1  | 117                                                   | 39                                                     | 76                                    | 74                                   | 961         | 13.9  |
| 1935 | 67,200                                             | 1064                       | 1016   | 15.1  | 1054                                      | 15.7  | 119                                                   | 54                                                     | 76                                    | 74                                   | 989         | 14.7  |
| 1936 | 65,640                                             | 961                        | 923    | 14.06 | 1087                                      | 16.5  | 106                                                   | 38                                                     | 73                                    | 79                                   | 913         | 13.9  |
| 1937 | 63,250                                             | 970                        | 896    | 14.16 | 1089                                      | 17.2  | 113                                                   | 43                                                     | 71                                    | 79                                   | 906         | 14.3  |
| 1938 | 62,250                                             | —                          | 939    | 15.08 | 1112                                      | 17.8  | 135                                                   | 55                                                     | 73                                    | 77                                   | 977         | 15.69 |
| 1939 | 61,520                                             | —                          | 902    | 14.68 | 1117                                      | 14.49 | 139                                                   | 53                                                     | 77                                    | 85                                   | 892         | 14.49 |
| 1940 | 61,900                                             | —                          | 977    | 15.78 | 1027                                      | 14.78 | 151                                                   | 39                                                     | 59                                    | 58.9                                 | 915         | 14.78 |

Area of District in acres (land and inland waters), 17,761 Acres.

Estimated Population at all ages, 61,520



TABLE II.

Name of District—MERTHYR TYDFIL.

| NOTIFIABLE DISEASES                   | Number of Cases Notified |              |                     |                      |                       |                       |                       |                | Total Cases Notified in each Locality |            |      |           |      |          |              | Total Cases removed to Hospital or Sanatorium | Total Deaths |           |    |
|---------------------------------------|--------------------------|--------------|---------------------|----------------------|-----------------------|-----------------------|-----------------------|----------------|---------------------------------------|------------|------|-----------|------|----------|--------------|-----------------------------------------------|--------------|-----------|----|
|                                       | At all Ages              | Under 1 year | 1 and under 5 years | 5 and under 15 years | 15 and under 25 years | 25 and under 45 years | 45 and under 65 years | 65 and upwards | Dowlais                               | Penydarren | Park | Cyfarthfa | Town | Plymouth | Merthyr Vale |                                               |              | Treharris |    |
| Small Pox                             | —                        | —            | —                   | —                    | —                     | —                     | —                     | —              | —                                     | —          | —    | —         | —    | —        | —            | —                                             | —            | —         | —  |
| Diphtheria                            | 109                      | 1            | 25                  | 73                   | 8                     | 2                     | —                     | —              | 13                                    | 26         | 16   | 1         | 16   | 7        | 20           | 10                                            | —            | —         | 7  |
| Scarlet Fever                         | 62                       | —            | 15                  | 42                   | 4                     | 1                     | —                     | —              | 16                                    | 2          | 9    | 4         | 11   | 1        | 10           | 9                                             | —            | —         | 1  |
| Enteric Fever (including Paratyphoid) | 2                        | —            | —                   | —                    | —                     | —                     | 1                     | —              | —                                     | 2          | —    | —         | —    | —        | —            | —                                             | —            | —         | —  |
| Puerperal Pyrexia                     | }                        | 7            | —                   | —                    | —                     | 2                     | 5                     | —              | —                                     | 3          | 2    | 2         | —    | —        | —            | —                                             | —            | —         | 2  |
| Other Puerperal Causes                |                          | —            | —                   | —                    | —                     | —                     | —                     | —              | —                                     | —          | —    | —         | —    | —        | —            | —                                             | —            | —         | —  |
| Pneumonia                             | 39                       | 3            | 3                   | 4                    | 4                     | 14                    | 8                     | 3              | 16                                    | 5          | 1    | —         | 10   | 6        | 1            | —                                             | —            | —         | 26 |
| Erysipelas                            | 9                        | —            | —                   | —                    | —                     | 2                     | 4                     | 3              | 3                                     | —          | 2    | 2         | 1    | —        | 1            | —                                             | —            | —         | —  |
| Ophthalmia Neonatorum                 | 5                        | 5            | —                   | —                    | —                     | —                     | —                     | —              | 1                                     | 2          | —    | —         | —    | 2        | —            | —                                             | —            | —         | —  |
| Encephalitis Lethargica               | —                        | —            | —                   | —                    | —                     | —                     | —                     | —              | —                                     | —          | —    | —         | —    | —        | —            | —                                             | —            | —         | —  |
| Pulmonary Tuberculosis—Males          | 50                       | —            | —                   | 3                    | 7                     | 20                    | 9                     | —              | 15                                    | 10         | 4    | 3         | 9    | 3        | 4            | 2                                             | }            | —         | 22 |
|                                       |                          |              |                     |                      |                       |                       |                       |                |                                       |            |      |           |      |          |              |                                               |              |           |    |



TABLE III.

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE DURING THE YEAR 1940.

Name of District : MERTHYR TYDFIL.

| CAUSES OF DEATH                                                     | Sex | All Ages | 0-1 | 1-5 | 5-15 | 15-45 | 45-65 | Over 65 |
|---------------------------------------------------------------------|-----|----------|-----|-----|------|-------|-------|---------|
| ALL CAUSES ... ..                                                   | M   | 532      | 34  | 8   | 10   | 57    | 164   | 259     |
|                                                                     | F   | 383      | 25  | 6   | 7    | 66    | 87    | 192     |
| 1. Typhoid and Paratyphoid Fevers ... ..                            | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 2. Measles ... ..                                                   | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 3. Scarlet Fever ... ..                                             | M   | 1        | —   | 1   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 4. Whooping Cough ... ..                                            | M   | 1        | 1   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 5. Diphtheria ... ..                                                | M   | 3        | 1   | —   | 2    | —     | —     | —       |
|                                                                     | F   | 4        | —   | 2   | 2    | —     | —     | —       |
| 6. Influenza ... ..                                                 | M   | 7        | —   | —   | —    | 1     | 3     | 3       |
|                                                                     | F   | 9        | —   | —   | —    | 3     | 5     | 1       |
| 7. Encephalitis Lethargica ... ..                                   | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 8. Cerebro-Spinal Fever ... ..                                      | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | 1        | —   | 1   | —    | —     | —     | —       |
| 9. Tuberculosis of Respiratory System ... ..                        | M   | 22       | —   | —   | —    | 12    | 8     | 2       |
|                                                                     | F   | 21       | —   | —   | —    | 21    | —     | —       |
| 10. Other Tuberculous Diseases... ..                                | M   | 5        | —   | —   | 2    | 3     | —     | —       |
|                                                                     | F   | 2        | —   | —   | 1    | 1     | —     | —       |
| 11. Syphilis... ..                                                  | M   | 1        | —   | —   | —    | —     | 1     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 12. General Paralysis of the Insane, Tabes Dorsalis                 | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 13. Cancer, Malignant Disease ... ..                                | M   | 54       | —   | —   | 1    | 5     | 27    | 21      |
|                                                                     | F   | 30       | —   | —   | —    | 2     | 19    | 9       |
| 14. Diabetes ... ..                                                 | M   | 4        | —   | —   | —    | —     | 1     | 3       |
|                                                                     | F   | 10       | —   | —   | —    | —     | 5     | 5       |
| 15. Cerebral Hæmorrhage, &c. ... ..                                 | M   | 56       | —   | —   | —    | —     | 19    | 37      |
|                                                                     | F   | 35       | —   | —   | —    | 1     | 10    | 24      |
| 16. Heart Disease... ..                                             | M   | 107      | —   | —   | 2    | 4     | 33    | 68      |
|                                                                     | F   | 93       | —   | —   | 1    | 14    | 19    | 59      |
| 17. Aneurism ... ..                                                 | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 18. Other Circulatory Diseases ... ..                               | M   | 13       | —   | —   | —    | —     | 1     | 12      |
|                                                                     | F   | 7        | —   | —   | —    | 1     | 2     | 4       |
| 19. Bronchitis ... ..                                               | M   | 48       | 1   | 2   | —    | 2     | 16    | 27      |
|                                                                     | F   | 23       | 2   | 1   | —    | —     | 5     | 15      |
| 20. Pneumonia (all forms) ... ..                                    | M   | 12       | 2   | 1   | —    | 1     | 5     | 3       |
|                                                                     | F   | 14       | 4   | 2   | —    | 3     | 1     | 4       |
| 21. Other Respiratory Diseases... ..                                | M   | 12       | —   | —   | —    | —     | 7     | 5       |
|                                                                     | F   | 4        | —   | —   | 1    | 1     | 2     | —       |
| 22. Peptic Ulcer ... ..                                             | M   | 8        | —   | —   | —    | —     | 6     | 2       |
|                                                                     | F   | 4        | —   | —   | 2    | —     | 2     | —       |
| 23. Diarrhoea ... ..                                                | M   | 5        | 5   | —   | —    | —     | —     | —       |
|                                                                     | F   | 4        | 4   | —   | —    | —     | —     | —       |
| 24. Appendicitis ... ..                                             | M   | 4        | —   | —   | —    | 2     | 1     | 1       |
|                                                                     | F   | 3        | —   | —   | 1    | 1     | 1     | —       |
| 25. Cirrhosis of Liver ... ..                                       | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 26. Other Diseases of Liver ... ..                                  | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 27. Other Digestive Diseases ... ..                                 | M   | 8        | —   | 1   | —    | 2     | 3     | 2       |
|                                                                     | F   | 9        | 1   | —   | —    | 1     | 3     | 4       |
| 28. Acute and Chronic Nephritis ... ..                              | M   | 12       | 1   | —   | —    | —     | 7     | 4       |
|                                                                     | F   | 17       | —   | —   | —    | 3     | 7     | 7       |
| 29. Puerperal Sepsis ... ..                                         | F   | —        | —   | —   | —    | —     | —     | —       |
| 30. Other Puerperal Causes ... ..                                   | F   | 2        | —   | —   | —    | 2     | —     | —       |
| 31. Congenital Debility, Premature Birth, Malformations, &c. ... .. | M   | 22       | 21  | 1   | —    | —     | —     | —       |
|                                                                     | F   | 13       | 13  | —   | —    | —     | —     | —       |
| 32. Senility... ..                                                  | M   | —        | —   | —   | —    | —     | —     | —       |
|                                                                     | F   | —        | —   | —   | —    | —     | —     | —       |
| 33. Suicide ... ..                                                  | M   | 5        | —   | —   | —    | 2     | 2     | 1       |
|                                                                     | F   | 1        | —   | —   | —    | —     | 1     | —       |
| 34. Other Violence ... ..                                           | M   | 28       | —   | 2   | 1    | 13    | 7     | 5       |
|                                                                     | F   | 8        | —   | —   | —    | 2     | 1     | 5       |
| 35. Other Causes ... ..                                             | M   | 94       | 2   | —   | 2    | 10    | 17    | 63      |
|                                                                     | F   | 69       | 1   | —   | 1    | 8     | 4     | 55      |

Resident Population :  
 For purposes of B.R. .... 61,900  
 For purposes of D.R. .... 61,900

Under 1 year { Legitimate Illegitimate  
 M 32 ... 2  
 F 24 ... 1





TABLE IV.

## INFANT MORTALITY 1940.

Nett Deaths from stated causes at various Ages under 1 year of age.

| CAUSE OF DEATH                     |               |     |     | Under 1<br>week | 1—2<br>weeks | 2—3<br>weeks | 3—4<br>weeks | Total<br>under<br>4 weeks | 4 weeks<br>and<br>under<br>3 mths. | 3 months<br>and<br>under<br>6 mths. | 6 months<br>and<br>under<br>9 mths. | 9 months<br>and<br>under<br>12mths. | Total<br>Deaths<br>under<br>one<br>year |
|------------------------------------|---------------|-----|-----|-----------------|--------------|--------------|--------------|---------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------|
| All Causes                         | Certified ... | ... | ... | 21              | —            | —            | 6            | —                         | 6                                  | 12                                  | —                                   | 14                                  | 59                                      |
|                                    | Uncertified   | ... | ... | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Small Pox ...                      |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Chicken Pox ...                    |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Measles ...                        |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Scarlet Fever ...                  |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Whooping Cough ...                 |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Diphtheria and Croup ...           |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Heart ...                          |               |     |     | 3               | —            | —            | —            | —                         | 1                                  | 1                                   | —                                   | —                                   | 5                                       |
| Tuberculous Meningitis ...         |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Abdominal Tuberculous (C) ...      |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Other Tuberculous Diseases ...     |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Meningitis (Not Tuberculous) ...   |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Convulsions ...                    |               |     |     | 1               | —            | —            | 1            | —                         | —                                  | 2                                   | —                                   | 5                                   | 9                                       |
| Asthenia ...                       |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Bronchitis ...                     |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Pneumonia (All Forms) ...          |               |     |     | —               | —            | —            | —            | —                         | 1                                  | 2                                   | —                                   | 3                                   | 6                                       |
| Diarrhoea ...                      |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Gastritis ...                      |               |     |     | —               | —            | —            | 1            | —                         | 1                                  | —                                   | —                                   | —                                   | 2                                       |
| Infantile Jaundice ...             |               |     |     | —               | —            | —            | —            | —                         | 1                                  | —                                   | —                                   | —                                   | 1                                       |
| Rickets ...                        |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Suffocation ...                    |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Injury at Birth ...                |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Atelectasis ...                    |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Congenital Debility ...            |               |     |     | —               | —            | —            | —            | —                         | —                                  | —                                   | —                                   | —                                   | —                                       |
| Premature Birth ...                |               |     |     | 10              | —            | —            | 3            | —                         | —                                  | —                                   | —                                   | —                                   | 13                                      |
| Atrophy, Debility and Marasmus ... |               |     |     | 4               | —            | —            | —            | —                         | —                                  | 4                                   | —                                   | 3                                   | 11                                      |
| Other Causes ...                   |               |     |     | 3               | —            | —            | 1            | —                         | 2                                  | 3                                   | —                                   | 3                                   | 12                                      |
|                                    |               |     |     | 21              | —            | —            | 6            | —                         | 6                                  | 12                                  | —                                   | 14                                  | 59                                      |

Nett Births in the year { Legitimate — 933  
 { Illegitimate — 47

Nett Deaths in the year { Legitimate — 56  
 { Illegitimate — 3



TABLE IVa.

## INFANT MORTALITY 1940.

Nett Deaths from stated Causes at various ages under 1 year of age.

| CAUSE OF DEATH                   |               |     |     | Dowlais<br>Ward | P'darren<br>Ward | Park<br>Ward | Cyfarthfa<br>Ward | Town<br>Ward | Plymouth<br>Ward | Merthyr<br>Vale<br>Ward | Treharris<br>Ward | Total |
|----------------------------------|---------------|-----|-----|-----------------|------------------|--------------|-------------------|--------------|------------------|-------------------------|-------------------|-------|
| All Causes                       | Certified ... | ... | ... | 18              | 9                | 1            | 12                | 8            | 5                | 4                       | 2                 | 59    |
|                                  | Uncertified   | ... | ... | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Small Pox ...                    |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Chicken Pox ...                  |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Measles ...                      |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Scarlet Fever ...                |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Whooping Cough ...               |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Diphtheria and Croup ...         |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Heart ...                        |               |     |     | 1               | 1                | —            | —                 | 1            | —                | 1                       | 1                 | 5     |
| Tuberculous Meningitis ...       |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Abdominal Tuberculous (C) ...    |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Other Tuberculous Diseases ...   |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Meningitis (Not Tuberculous) ... |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Convulsions ...                  |               |     |     | 4               | 2                | —            | 1                 | 1            | 1                | —                       | —                 | 9     |
| Asthenia ...                     |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Bronchitis ...                   |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Pneumonia (All Forms) ...        |               |     |     | 2               | —                | —            | 2                 | 2            | —                | —                       | —                 | 6     |
| Diarrhoea ...                    |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Gastritis ...                    |               |     |     | 1               | 1                | —            | —                 | —            | —                | —                       | —                 | 2     |
| Infantile Jaundice ...           |               |     |     | 1               | —                | —            | —                 | —            | —                | —                       | —                 | 1     |
| Rickets ...                      |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Suffocation... ..                |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Injury at Birth ...              |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Atelectasis ...                  |               |     |     | —               | —                | —            | —                 | —            | —                | —                       | —                 | —     |
| Congenital Debility ...          |               |     |     | 1               | —                | —            | —                 | 1            | 1                | —                       | 1                 | 4     |
| Premature Birth ...              |               |     |     | 3               | 2                | —            | 5                 | —            | 2                | 1                       | —                 | 13    |
| Atrophy, Debility and Marasmus   |               |     |     | 2               | 2                | —            | 1                 | 1            | —                | 1                       | —                 | 7     |
| Other Causes ...                 |               |     |     | 3               | 1                | 1            | 3                 | 2            | 1                | 1                       | —                 | 12    |
|                                  |               |     |     | 18              | 9                | 1            | 12                | 8            | 5                | 4                       | 2                 | 59    |

Nett Births in the year { Legitimate — 933  
 { Illegitimate — 47

Nett Deaths in the year { Legitimate — 56  
 { Illegitimate — 3



# TABLE V.

TABLE V.—ANNUAL, REPORT OF THE MEDICAL OFFICER OF HEALTH.

For the Year 1940 for the County Borough of Merthyr Tydfil on the Administration of the Factory and Workshop Act, 1901, and the Factories Act, 1937, which superseded the Act of 1901 on 1st July, 1938.

## INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH, INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS.

| Premises<br>(1)                                                                                                                              | Number of          |                        |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------|--------------------------------|
|                                                                                                                                              | Inspections<br>(2) | Written Notices<br>(3) | Occupiers<br>Prosecuted<br>(4) |
| Factories with Mechanical Power ...                                                                                                          | 214                | 8                      | Nil                            |
| Factories without Mechanical Power ...                                                                                                       | 295                | 12                     | Nil                            |
| Other Premises under the Act (including<br>works of building and engineering construction,<br>but not including outworkers' premises) ... .. | 83                 | 3                      | Nil                            |
| TOTAL ... ..                                                                                                                                 | 592                | 23                     | Nil                            |

# V. 2.—DEFECTS FOUND.

| Particulars                                                                                                                                                                                                                                                  | Number of Defects |              |                                | Number of defects in respect of which Prosecutions were instituted (5) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------|--------------------------------|------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                              | Found (2)         | Remedied (3) | Referred to H.M. Inspector (4) |                                                                        |
| (1)                                                                                                                                                                                                                                                          |                   |              |                                |                                                                        |
| Want of Cleanliness (Section 1) ...                                                                                                                                                                                                                          | 15                | 15           | —                              | —                                                                      |
| Overcrowding (Section 2) ...                                                                                                                                                                                                                                 | —                 | —            | —                              | —                                                                      |
| Unreasonable Temperature (Section 3) ...                                                                                                                                                                                                                     | —                 | —            | —                              | —                                                                      |
| Inadequate Ventilation (Section 4) ...                                                                                                                                                                                                                       | —                 | —            | —                              | —                                                                      |
| Ineffective Drainage of Floors (Section 6) ...                                                                                                                                                                                                               | —                 | —            | —                              | —                                                                      |
| Sanitary Conveniences S. 7 {<br>Insufficient<br>Unsuitable or Defective<br>Not Separate for Sexes                                                                                                                                                            | —                 | —            | —                              | —                                                                      |
|                                                                                                                                                                                                                                                              | 11                | 11           | —                              | —                                                                      |
|                                                                                                                                                                                                                                                              | —                 | —            | —                              | —                                                                      |
| Other Offences ...                                                                                                                                                                                                                                           | —                 | —            | —                              | —                                                                      |
| (Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.) |                   |              |                                |                                                                        |
| TOTAL ...                                                                                                                                                                                                                                                    | 26                | 26           | —                              | —                                                                      |

V. 3.—OUTWORK IN UNWHOLESOME PREMISES.      Section 108.

| NATURE OF WORK<br>(1)                                    | Instances<br>(2) | Notices<br>Served<br>(3) | Prosecutions<br>(4) |
|----------------------------------------------------------|------------------|--------------------------|---------------------|
| WEARING APPAREL :—<br>Making, etc. ...      ...      ... | Nil              | Nil                      | Nil                 |
| TOTAL      ...      ...                                  | Nil              | Nil                      | Nil                 |







